

**ADOPTING SUSTAINABILITY FOR  
OUR FUTURE GENERATIONS**



# ADOPTING SUSTAINABILITY FOR OUR FUTURE GENERATIONS

## Mission

**Living together for our future**

Through Innovation and technology, we deliver a brighter future with the peace of mind to our customers and societies around the world.

**SDGs and Fujitsu General share the same belief**

**SDGs (United Nations)**

**No One will be left behind**

We aim for a future in which people can continue to live affluently and peacefully on the planet through cooperation.



## Growth Strategy

**Power of monozukuri**



World-and industry first technologies

**Global business development**



Business in more than 100 countries worldwide

**Expansion of partnership**



## Strengths of Fujitsu General

### Intellectual Capital

Since our founding, we have created world and industry firsts through our value-creation capabilities

#### Air conditioners

- Simple-mounting cassette-type cooler (Industry's first)
- Air conditioner with automatic filter cleaning function (World's first)
- Air conditioner with hybrid airflow (World's first)

### Manufacturing Capital

Global production and R&D bases for innovation and technology

- Product bases - 8 bases
- R&D bases - 6 bases

### Human Capital

Human resources supporting innovation and technology

- Self-motivated talent development
- Empowering of monozukuri (manufacturing) "Technical Academy"

### Social and relationship capital

Expanding and joint development\* of business areas by strengthening cooperation

- Joint development 9 companies
- Overseas sales companies 15 companies
- Overseas distributors 97 companies

\*As on March 2022

## Promotion of Sustainable Management



Planet



Our people



Society

## Management that considers sustainability of society

- Considering the significance of SDGs and looking beyond our current core business, promote initiatives for the creation of Innovation and respond to cutting-edge technologies.
- Investment of management resources and concentration of capital with an eye on the future.

### "Examples of Initiative"

- Development and sales expansion of products certified as **Sustainable Product**.

## What we can do because we are Fujitsu General

**TOGETHER, TOWARD A SUSTAINABLE FUTURE THAT ONLY FUJITSU GENERAL CAN OFFER**

**Providing comfortable and clean air with low CO<sub>2</sub> emissions to the world**

**Creation and realization of world and industry firsts**

Creation of **Innovation**  
Leveraging the power of monozukuri

Contribution to **MITIGATION OF CLIMATE CHANGE**  
Utilizing Inverter Technology

- Development and sales expansion of products with heat pumps
- Development and sale enhanced energy-saving products
- Development, sale, etc of renewable energy products

**FY 2025**

Aim to Achieve Carbon neutrality

**FY 2030**

Aim to have products and Services certified to sustainable product account for our 30% or more consolidated net sales.



## Upgrade to the next level



Presenting tropically designed air conditioners from General that can deliver exceptional cooling even at an extreme temperature of 55°C, and are suitable for cooling large sized rooms with its 25m long reach air flow. They're also capable of meeting higher energy efficiency levels (ISEER) as per the new regulations.

Not just that, they can cool even at extremely low and high voltages, and they're built to last longer. So choose wisely and upgrade to the next level of performance.





Presenting the ultimate air conditioner from General, designed to deliver exceptional cooling at extreme temperatures with CPTA (Cooling Power for Tropical Application) technology, and suitable for cooling large sized rooms with its 25m long reach airflow. At the same time, delivering a highest part load efficiency of 6.44 EER, and capable of meeting the energy efficiency level (ISEER) as per new regulation. What's more, every General is built to last longer. So choose wisely, to experience the next level of performance.



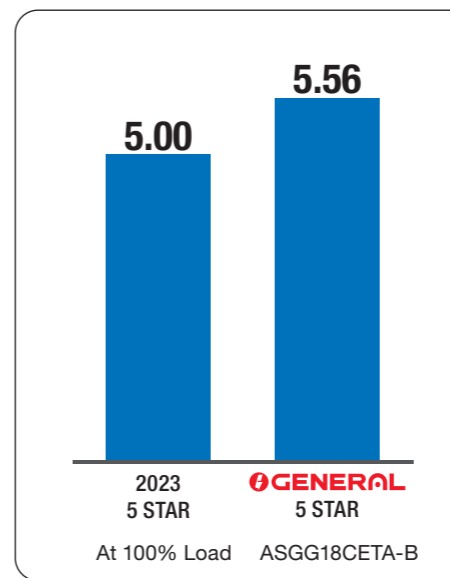


### 25m Long Reach Airflow

ASGG30CETA-B  
ASGG36CETA-B  
ASGG30KJTA-B  
ASGA30FUTD-B  
ASGA36FUTC-B

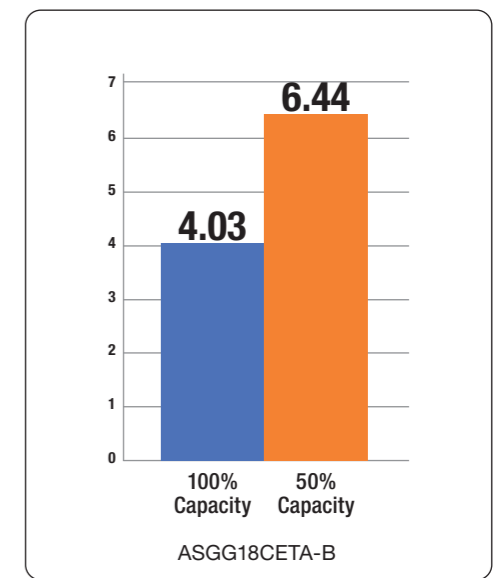


**Higher Seasonal Efficiency**



Indian Seasonal Energy Efficiency Ratio (ISEER)

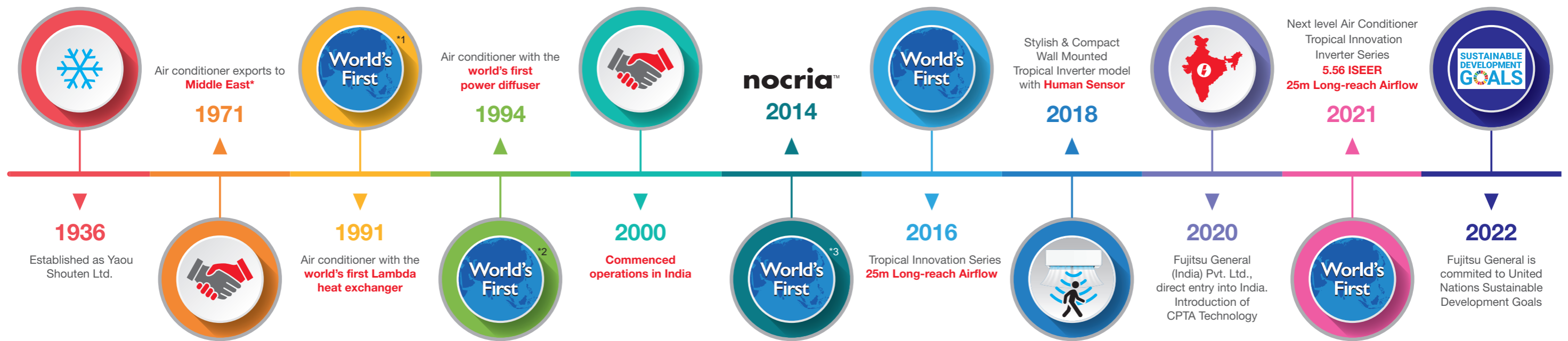
**50% Load Efficiency for CET Series**



Energy Efficiency Ratio (EER)



# OUR JOURNEY...



\*Overseas Air Conditioning Business since 1971 \*1. Announced 1991. In room air conditioner for the home (our company's investigation) \*2. Announced 1994. In room air conditioner for the home (our company's investigation)



# CREATION OF COMFORT

Fujitsu General creates high-quality and environment-friendly products that provide good comfort in accordance with our vision to 'Create a comfortable Environment' by utilizing air conditioning technology and creativity we have fostered over many years.

## High Quality Development and Production Environment

The Headquarter & R&D Centre is equipped with a wide range of testing equipment envisioning a variety of operating conditions. This includes a testing tower with a 60m height difference for buildings. We provide high quality and reliable products that meet the customer's needs from all over the world through our advanced R&D centres and manufacturing facilities.

R & D Center and 60m Height Difference Testing Tower



JAPAN Head Office - R&D Center



Fujitsu General (Shanghai) Co. Ltd.



F.G.L.S. Electric Co. Ltd



Fujitsu General Central Air Conditioner (Wuxi) Co. Ltd.



Fujitsu General (Thailand) Co. Ltd.



New Engineering and R&D Centre in Thailand



Fujitsu General Solution Centre "THE AIRSTAGE"



# ADVANCED R&D FACILITY

## Performance Testing

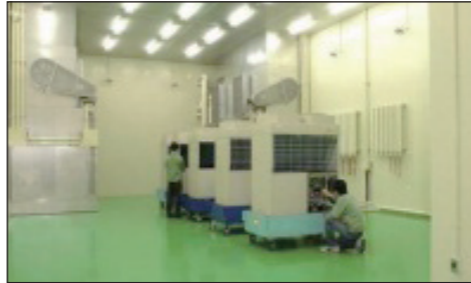


Air Volume Measurement Room



Calorimeter

## Reliability Testing



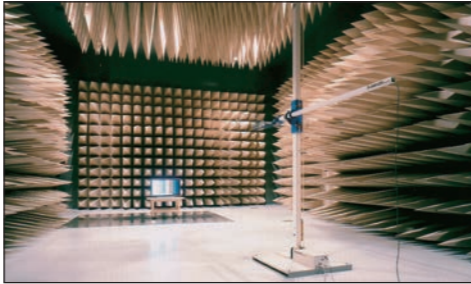
Constant Temperature Room



Shower Test Room

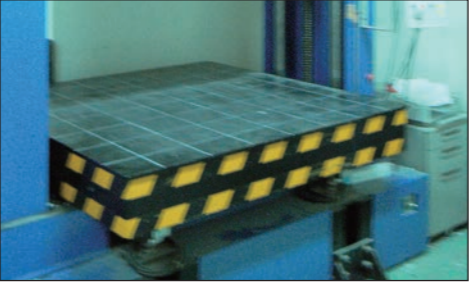


Practical Test Room



Acoustic Testing

## Transportation & Handling



Compressibility testing



Vibration testing



All Fujitsu General factories have acquired ISO 9001 and have built a quality control system common around the world. High quality products are offered to all over the world based on stringent quality inspections.

### Certifications - ISO

ISO 14001 is the standard defined by the International Organization for Standardization (ISO) related to environmental management systems. Fujitsu General America, Inc. has been acknowledged by an internationally accredited compliance organization as having an appropriate program of environmental protection procedures and activities to meet the requirements of ISO 14001. The air conditioners manufactured by Fujitsu General have received ISO 9001 series certification for quality assurance.

### RoHS Compliant

Fujitsu participates in the RoHS Directive, which is the Restriction of Hazardous Substances in electrical and

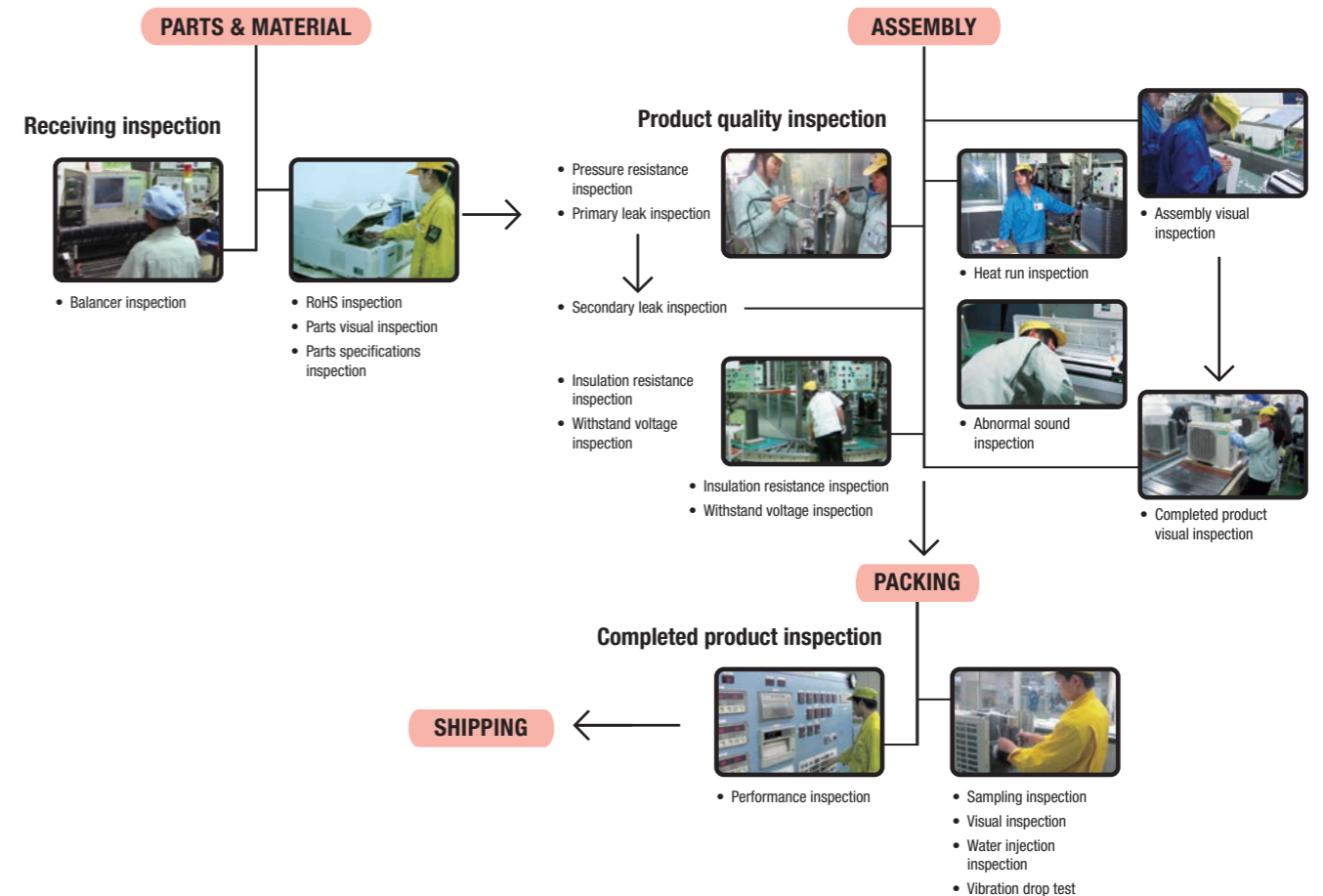
electronic equipment. It is an EU directive intended to protect the environment by forcing manufacturers to eliminate or severely curtail the use of cadmium, hexavalent chromium, and lead, in all products from automobiles to consumer electronics.

### Receiving inspection

Parts procurement requires a supplier's test report. European regulation RoHS inspection is also performed by a special in-house test department. A number of inspections are performed especially on main parts to remove defective products.

### Stringent product quality inspection

Stringent quality inspection is carried out at all production processes. High quality is maintained by stringent checks by inspectors and repetitive inspections.







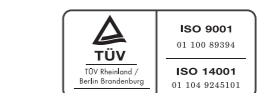
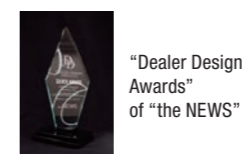
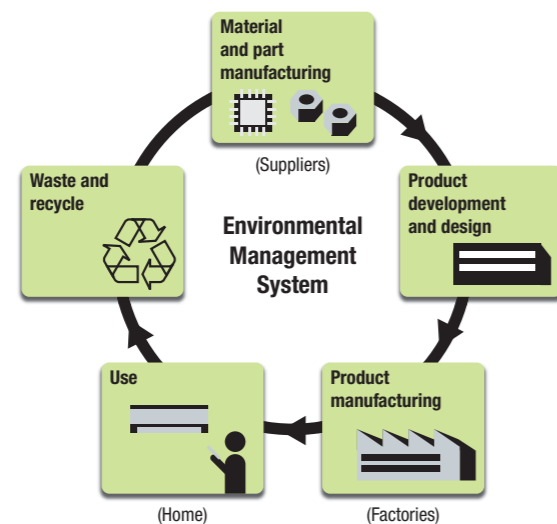
## ENVIRONMENTAL MANAGEMENT SYSTEM



## AWARDS AND CERTIFICATIONS

It's my planet

The Fujitsu General Group strives for business activities that achieve harmony between contributing to protecting the global environment and company activities while making environmental protection activities, an important issue in company management. The Fujitsu General Group is working to improve its environment friendliness by building an Environmental Management System (EMS)-taking environmental protection measures throughout the product life cycle of materials procurement, product development and design, manufacturing, and recycling; and by taking the environment into consideration during business activities such as saving energy, resources and reducing waste.



Certified number : 01 100 89394 Certified number : 01 104 9245101



ISO 9001 Certified number : 01 100 79269 ISO 14001 Certified number : 272043 Fujitsu General (Shanghai) Co., Ltd.



ISO 9001 Certified number : 00608011061R2M ISO 14001 Certified number : 00608020454R2M Fujitsu General Central Air-conditioner (Wuxi) Co., Ltd.





**LUXURIOUS &  
ELEGANT  
DESIGN**



**INNOVATION  
IN  
TECHNOLOGY**

**Tropical Innovation Inverter Series**



ASGG18CETA-B / ASGG24CETA-B / ASGG30CETA-B / ASGG36CETA-B

**New Design**



Golden Coloured Ornament



Trimmed Edge

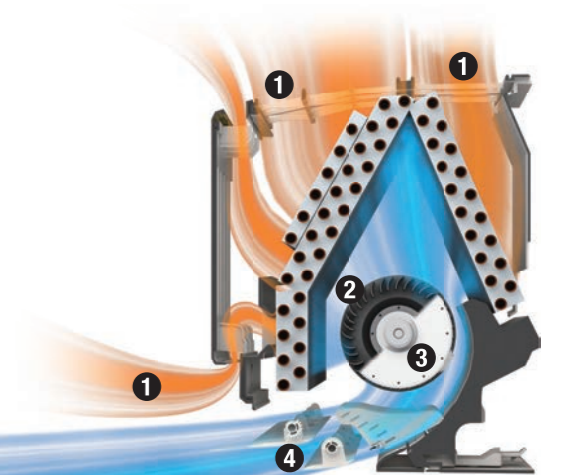


Dual Suction Intake

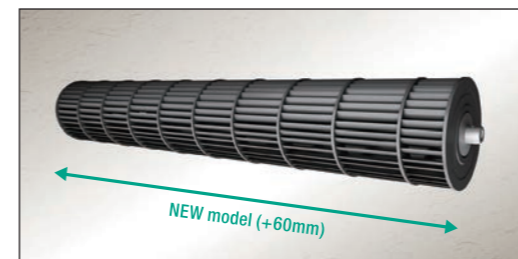
**New Technology**

- ① Dual suction intake
- ② New long cross-flow fan
- ③ High output BLDC fan motor
- ④ Powered dual louvers

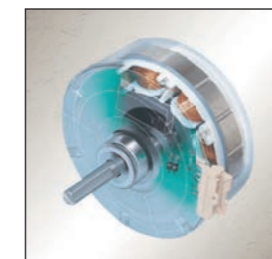
Optimized Airflow Design



- ② New long cross-flow fan



- ③ High output BLDC fan motor



Produces high power, wide operation range, and high efficiency.

- Increase in motor efficiency
- Lesser vibration
- Lower noise



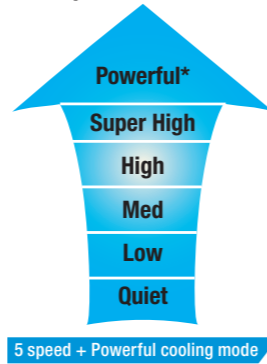
# 25 METRES LONG REACH AIR FLOW

The cold air discharged is directed upward by the special designed louvers, which achieves the coanda airflow along the ceiling, producing long reach airflow of 25m\*, making it possible to cool every corner of a big room immediately.

## Powerful Operation

Thirty minutes of continuous operation by maximising airflow allows the temperature to reach optimum levels. Rapid cooling makes the room comfortable quickly.

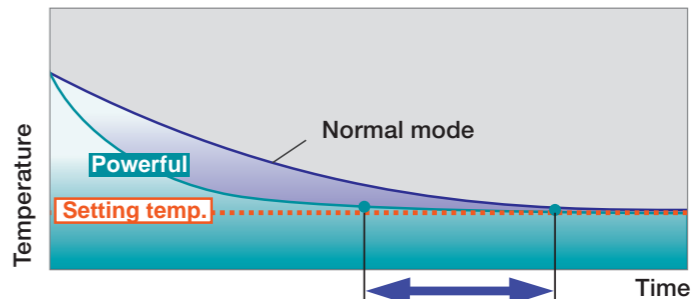
### 6 Speed Fan Control



\*One touch powerful cooling mode: Continuous operation for 30 minutes at maximum air volume



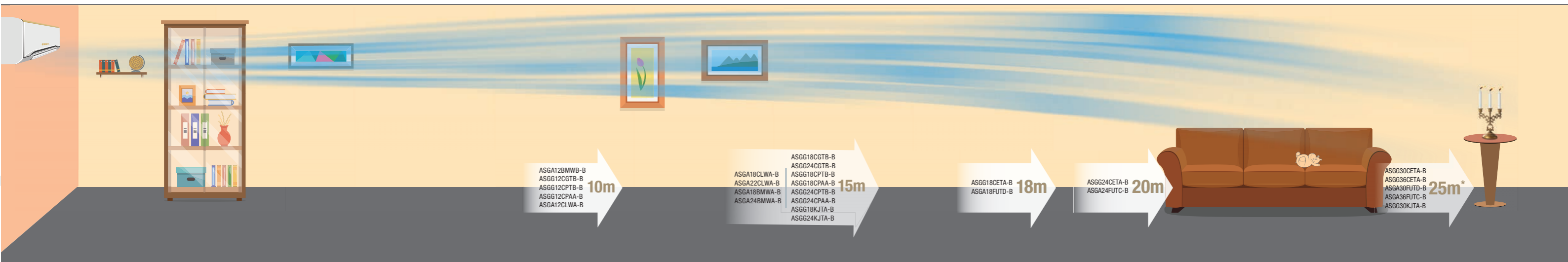
One touch powerful cooling mode



Cooling time in powerful mode is shorter than in normal mode



Certified 25m Airflow



High, powerful cooling.

# COOLING POWER FOR TROPICAL APPLICATION - CPTA TECHNOLOGY

## Powerful Cooling

General Air Conditioners are tropically designed to perform at ambient conditions as high as 55°C. Housed in larger outdoor units, the machines carry high BTU hyper-tropical compressors with large copper heat exchangers and large propeller fans to ensure powerful cooling.



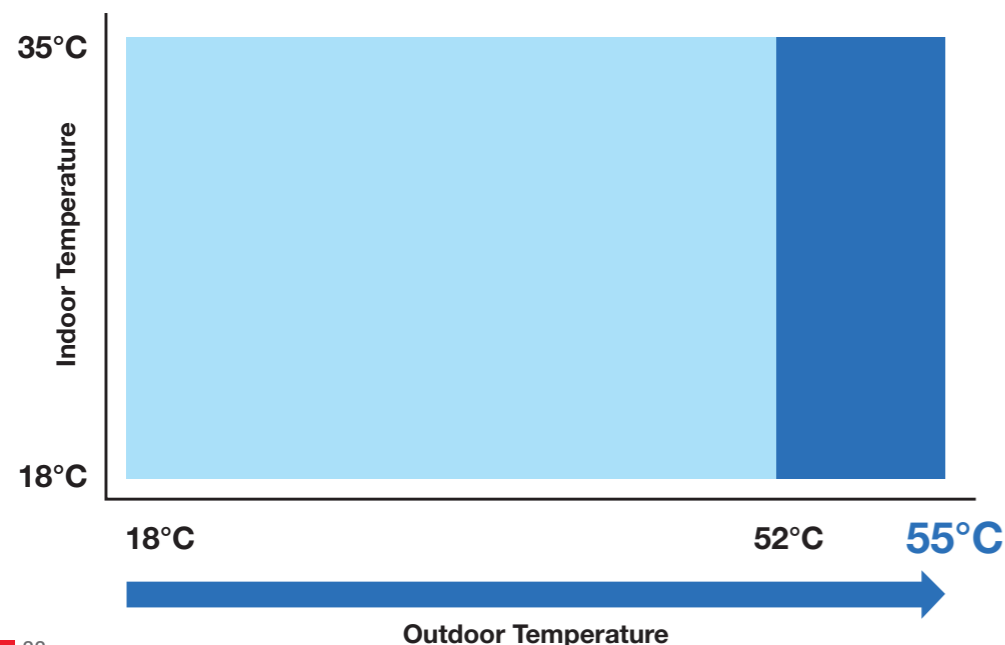
Advanced Hyper Tropical Compressor



Tropical Product Design

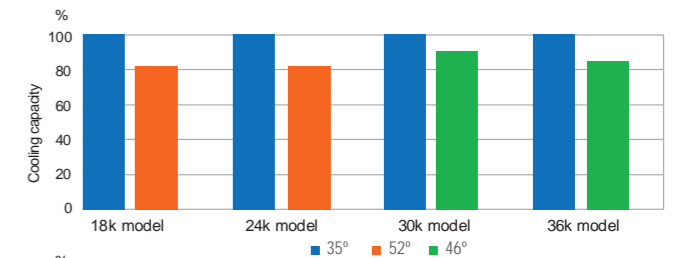


Eco-friendly Refrigerant



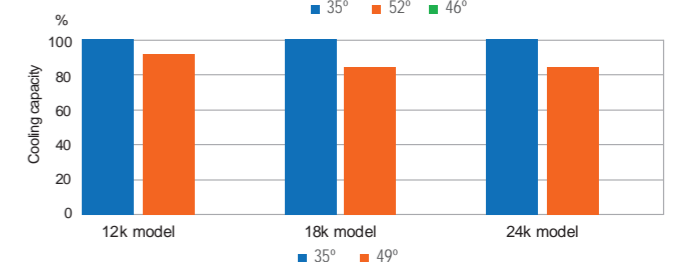
## CET Series

CET series models achieve over 80% cooling capacity even at 52°C (18/24k models) by using larger indoor/outdoor units with hyper tropical compressors, and higher airflow to improve cooling performance at higher temperature. They can also operate even at 55°C.



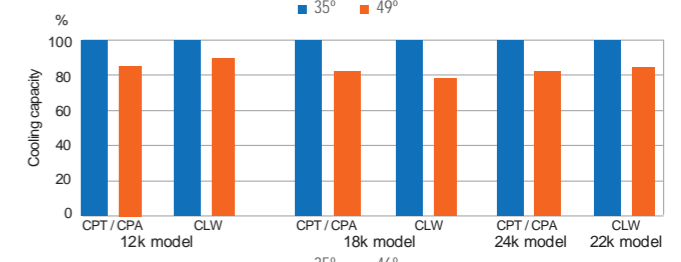
## CGT Series

CGT series models are able to achieve over 80% cooling capacity even at 49°C because the indoor unit and outdoor unit components are optimized in order to improve cooling performance. They can also operate even at 55°C.



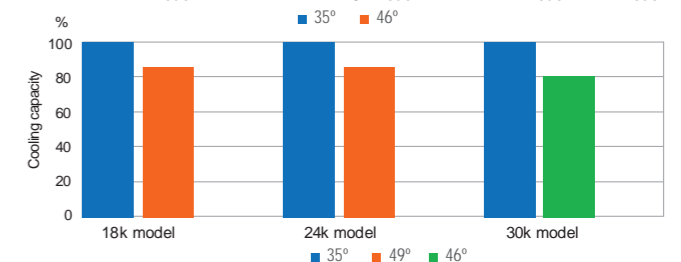
## CPT / CPA / CLW Series

CPT, CPA and CLW series models achieve over 80% Cooling Capacity even at 46°C by using a new heat exchanger designed to have high cooling performance. They can also operate even at 55°C (CPT / CPA models).



## KJT Series

KJT series models achieve over 80% Cooling Capacity even at 49°C (18/24k models) by optimizing the components for high cooling performance. They can also operate even at 55°C.

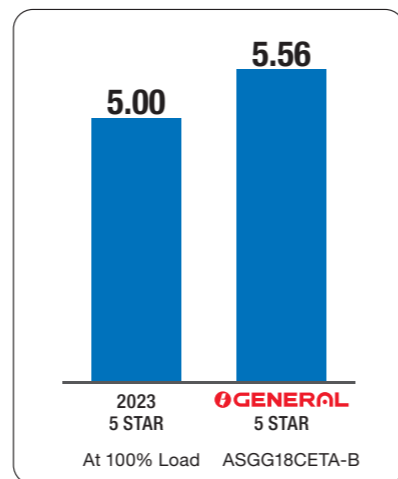




# EXCELLENCE IN ENERGY EFFICIENCY

## ISEER Upgrade

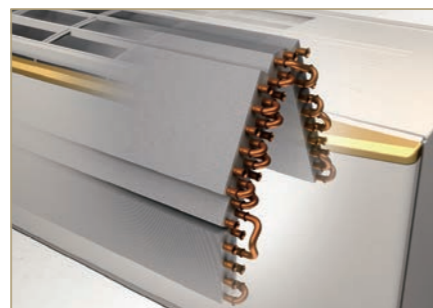
Top of the line energy efficiency of ISEER 5.56 that exceeds 5 star rating requirement as per BEE, making it highly energy efficient.



Indian Seasonal Energy Efficiency Ratio (ISEER)

## High Energy Saving

Top class energy saving is achieved by high efficiency lambda heat exchanger, large cross flow fan, new efficient compressor, large propeller fan and R32 refrigerant



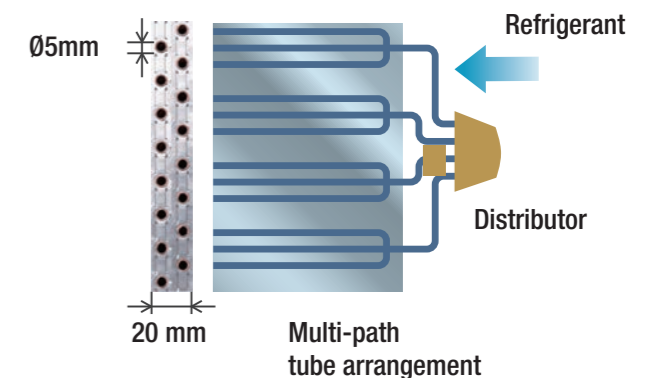
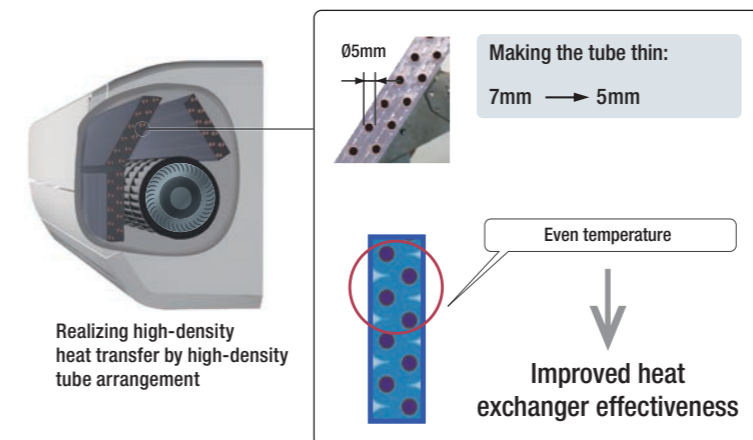
Large heat exchanger



Large propeller fan

## High Density Multi-Path Heat Exchanger

Heat transfer ability is substantially improved by the high-density heat exchanger and multi-path tube arrangement. High performance grooved piping with expanded heat exchanger area is used for better heat transfer.



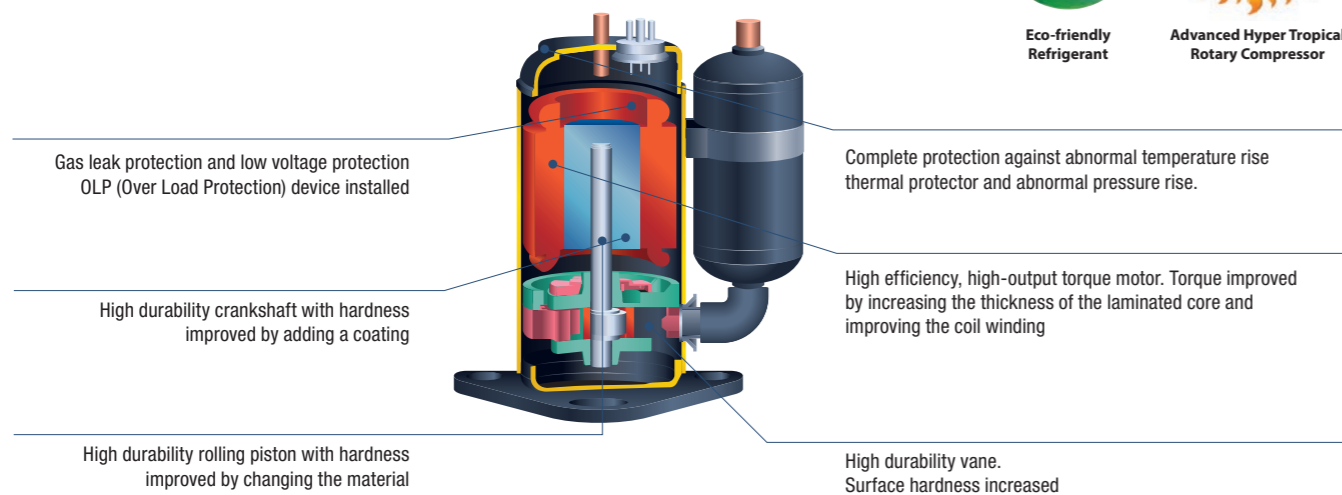


## HYPER TROPICAL DESIGN



## OPTIMISED AIR FLOW

### Advanced Hyper Tropical Rotary Compressor



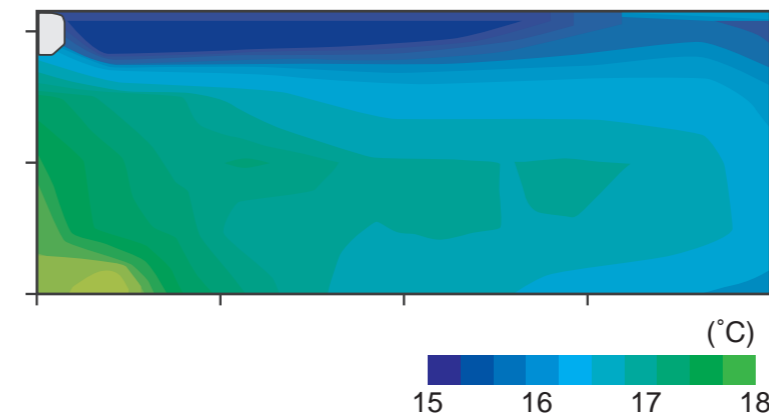
Designed & developed by Fujitsu General

### Hyper Tropical Spec

- Super eco-friendly**  
Compressor based on Eco-friendly R32 refrigerant designed for higher ambient temperature of 55°C.
- Super powerful**  
10% more capacity than old models under overload condition.
- Super low voltage operation**  
Our Hyper Tropical Compressor can be operated even at a low voltage of 155V.
- Super Hi-Efficiency**  
Fulfills star rating requirements of 2022.
- Super quiet compressor**  
Reduced compressor noise due to better lubrication at high temperature and frictionless parts along with compressor insulation jacket.

### Coanda Airflow

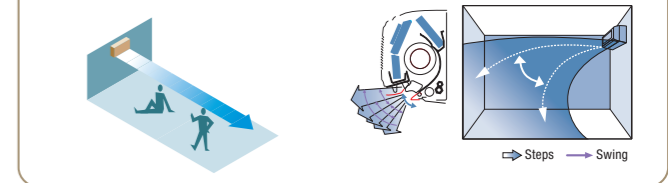
With advanced airflow technology, General provides powerful airflow and better air distribution for corner to corner cooling. The cold air discharged is directed upward, which achieves the Coanda airflow along the ceiling, producing long reach airflow.



#### Cooling: Healthy Horizontal Airflow

Cold air is discharged upward by the Coanda effect (discharge along a surface) and it is delivered far away along the ceiling. Cool air reaches every part of even a large room.

- Healthy because air does not cool the feet
- Comfortable because the occupants are not directly exposed to the airflow
- Cool air reaches a long distance





# ALL DC INVERTER TECHNOLOGY

## Saves Energy Throughout the Year

By making all the motors DC, electricity loss is decreased and power consumption is substantially reduced. In addition, high-speed fan motor rotation is possible, heat exchange efficiency is increased and annual power consumption amount is saved by increasing the airflow.

## DC Twin Rotary Compressor

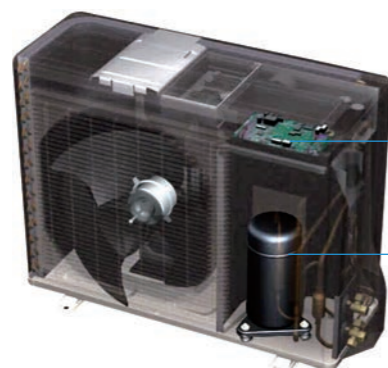
The high efficiency DC inverter type twin cylinder rotary compressor is used for our product range. It achieves higher energy efficiency compared with similar compressors by optimizing the structure inside the compressor.

## DC Fan Motor

DC fan motor produces high power, wide operation range, and high efficiency.



Wide high efficiency range  
DC rotary compressor



Inverter  
Control Base

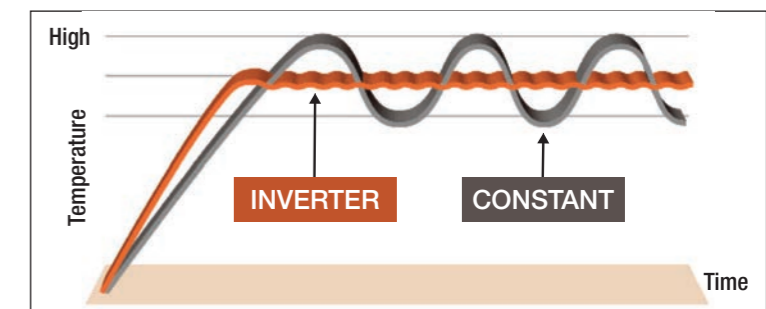
DC Compressor



DC Fan Motor

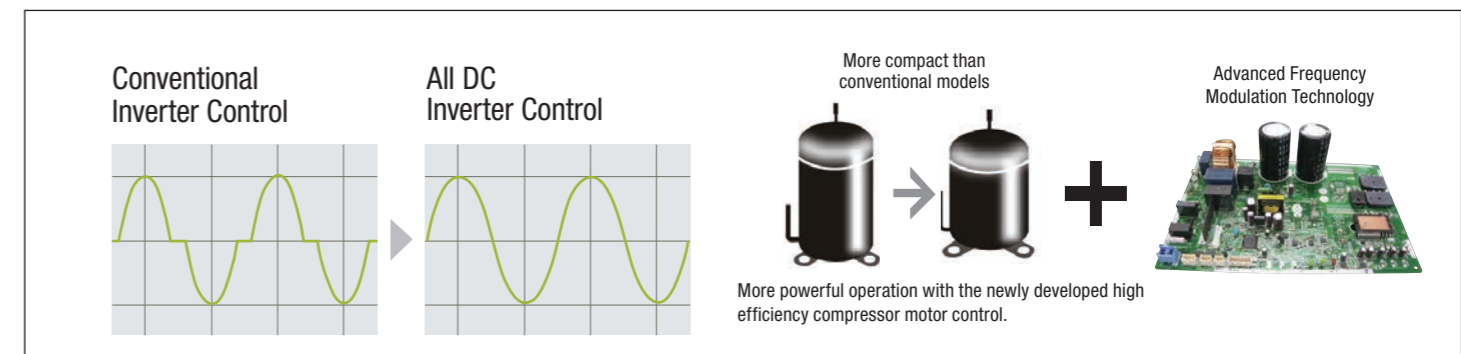
## Sine-wave DC Inverter Control

High efficiency operation is realized by using sine wave DC inverter control. This promotes the effective use of the input power supply to attain high performance.



## Advanced Frequency Modulation Technology

Advanced Frequency Modulation (AFM) Technology reduces the effects of magnetic flux by vector control technology, and improves the efficiency of the compressor by increasing its maximum speed and decreasing its minimum speed. With this technology, further miniaturization, higher efficiency and better performance is attained.





# ALL DC INVERTER TECHNOLOGY

## What is an INVERTER air conditioner?

INVERTER is an equipment that controls the electrical voltage, current and frequency of the compressor motor in an air conditioner.

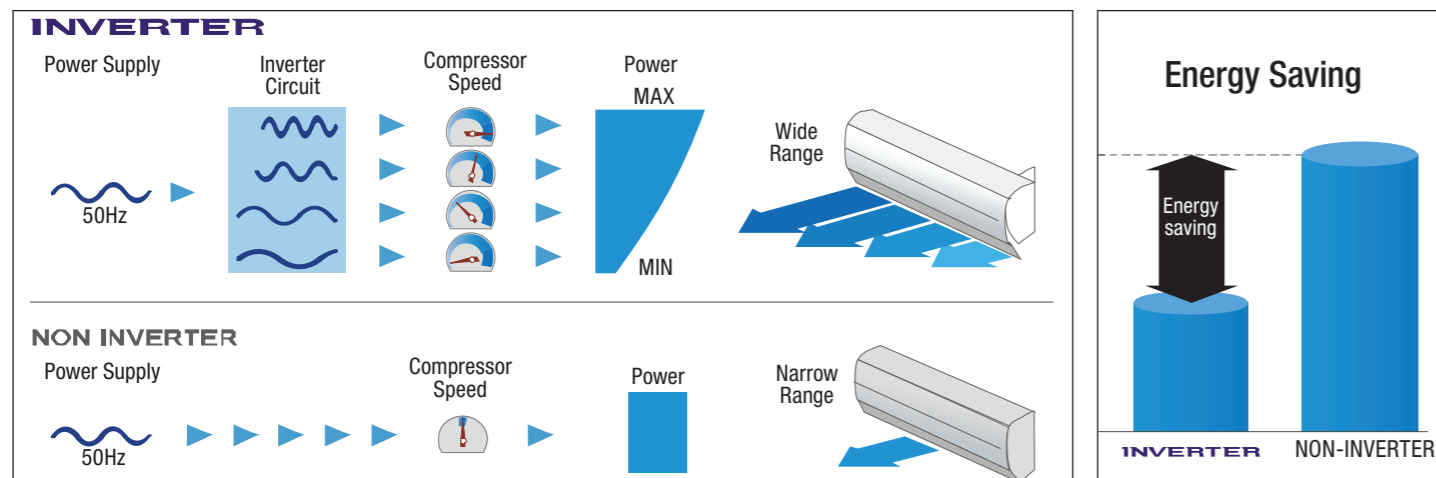
An INVERTER air conditioner changes the speed of the compressor by varying the frequency of the power supply to give superior cooling.

When an INVERTER air conditioner is started, the compressor runs at high speed for quick cooling. But once the set temperature is reached, the air conditioner

enters an 'energy saving mode' by reducing the compressor speed. Thus, effectively reducing its power consumption in order to save energy.

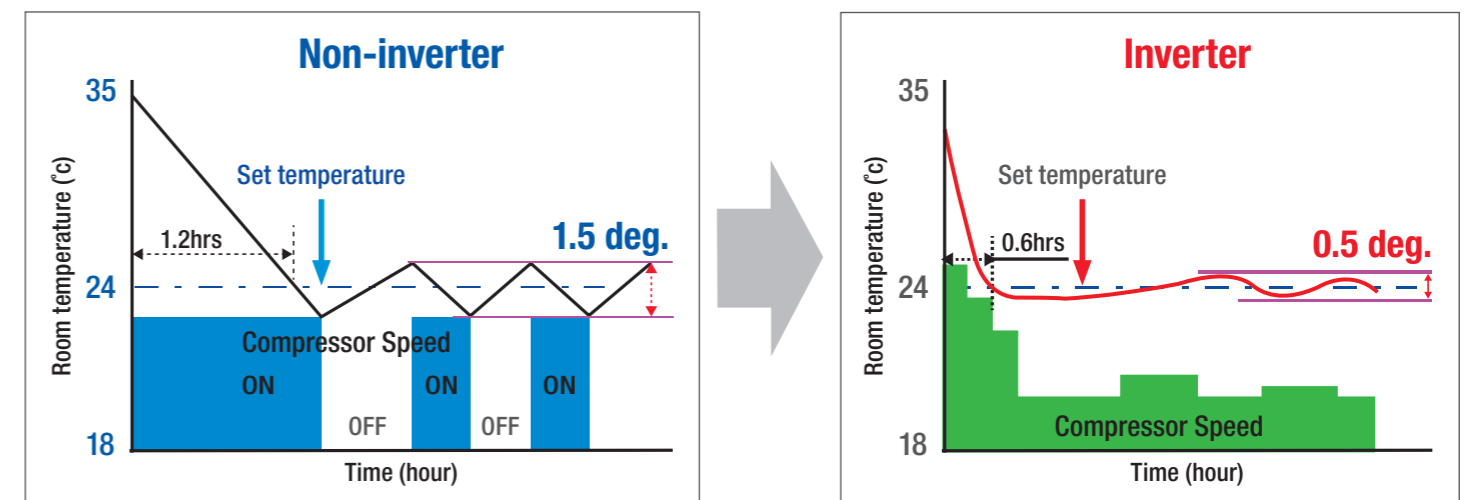
## Full Inverter Technology

General Inverter Air conditioners are built with compressors with advanced frequency modulation technology that run at speeds as low as 25% to as high as 110% when quick cooling is required, and consume less power under part load conditions.



## Faster Cooling and Comfort Control

Inverter ACs take nearly half the time to reach the set temperature and precise control of room temperature is also attained.



Starting point: Set temperature: 24°C, Operation Time: 3 hours, Room Inside: 35°C, Outdoor: 35°C (For 12000BTU/Hr model)

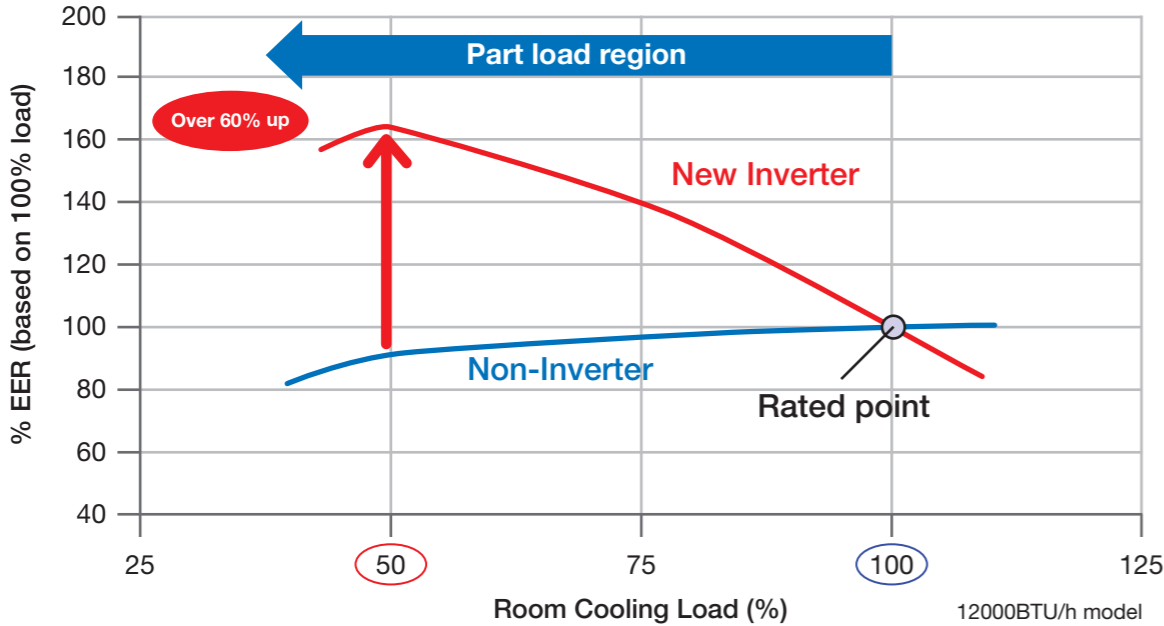




# PURSUIT OF SEASONAL EFFICIENCY

### Part-Load Operation

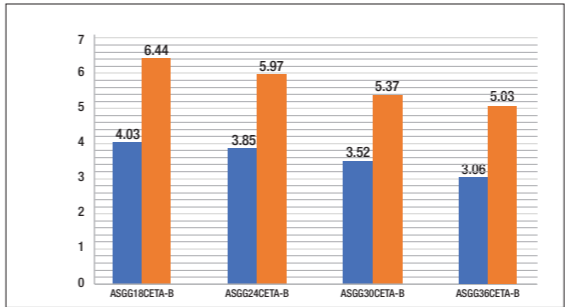
In over 80% of actual operation time, air conditioners are operated at partial capacity instead of rated capacity. We focused on high seasonal efficiency with an all DC inverter control and high efficiency technology.



### Part-Load Efficiency

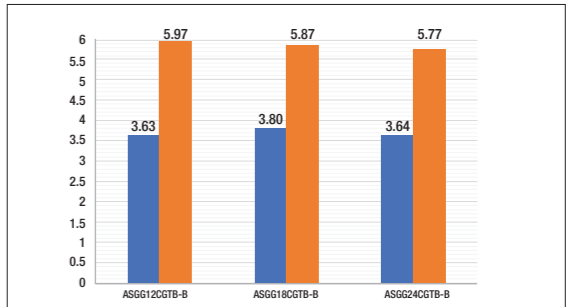
More power saving can be achieved by these Inverter air conditioners as they operate with higher efficiency under part-load conditions.

#### 50% Load Efficiency for CET Series



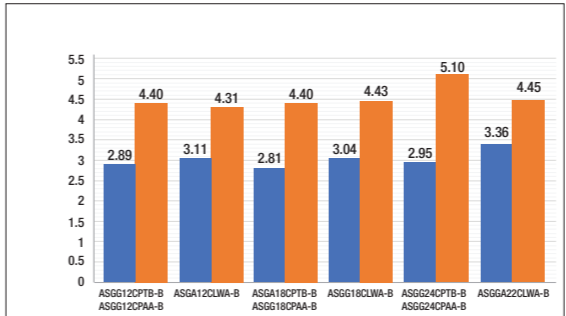
Energy Efficiency Ratio (EER) 100% Capacity 50% Capacity

#### 50% Load Efficiency for CGT Series



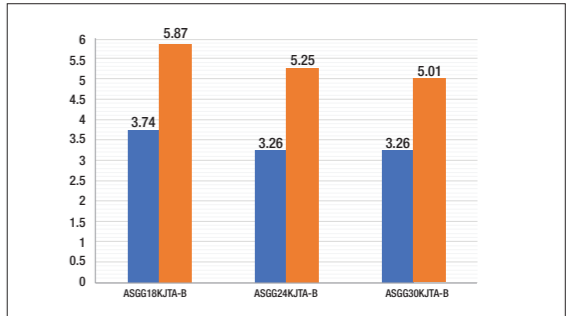
Energy Efficiency Ratio (EER) 100% Capacity 50% Capacity

#### 50% Load Efficiency for CPT/CPA/CLW Series



Energy Efficiency Ratio (EER) 100% Capacity 50% Capacity

#### 50% Load Efficiency for KJT Series (Cooling)



Energy Efficiency Ratio (EER) 100% Capacity 50% Capacity



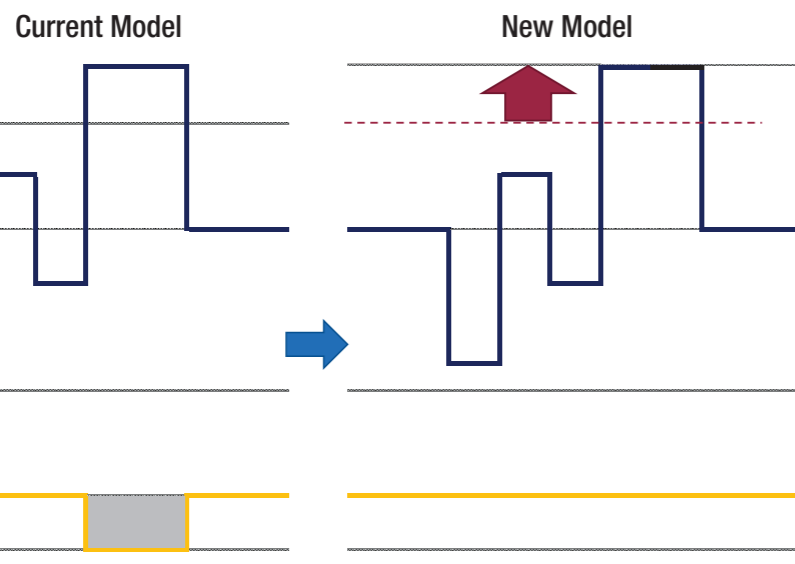
## WIDE OPERATING VOLTAGE RANGE



## HIGH VOLTAGE PROTECTION

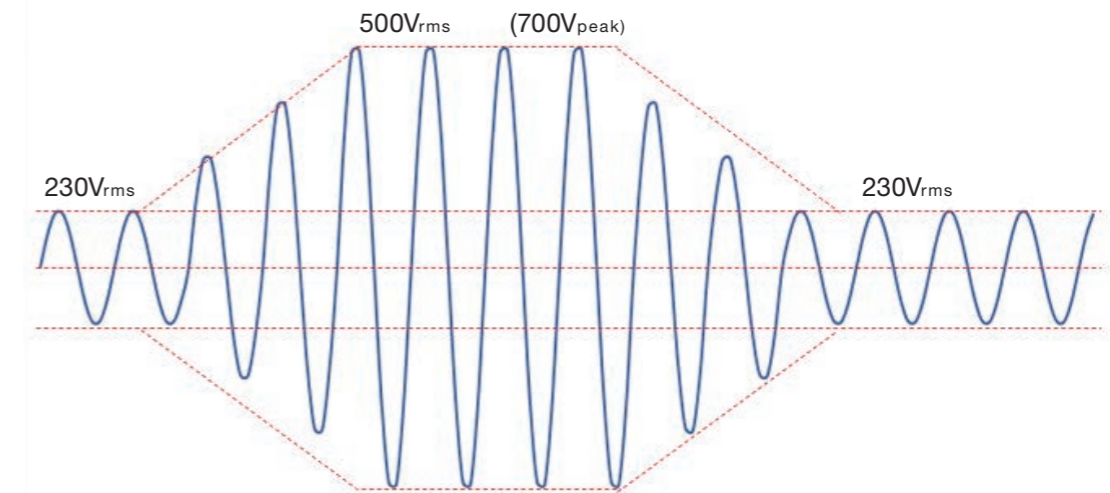
### Extreme Voltage Range (155V~280V)

The upper limit of the operating voltage range is further increased to accommodate unstable voltage conditions. Additionally, high voltage safety protection is added to make the PCB more resilient.



### Withstands High Voltage at 700V

The newly developed PCB is designed to withstand high voltage upto 700V. The design is highly robust and provide additional protection to the PCB.





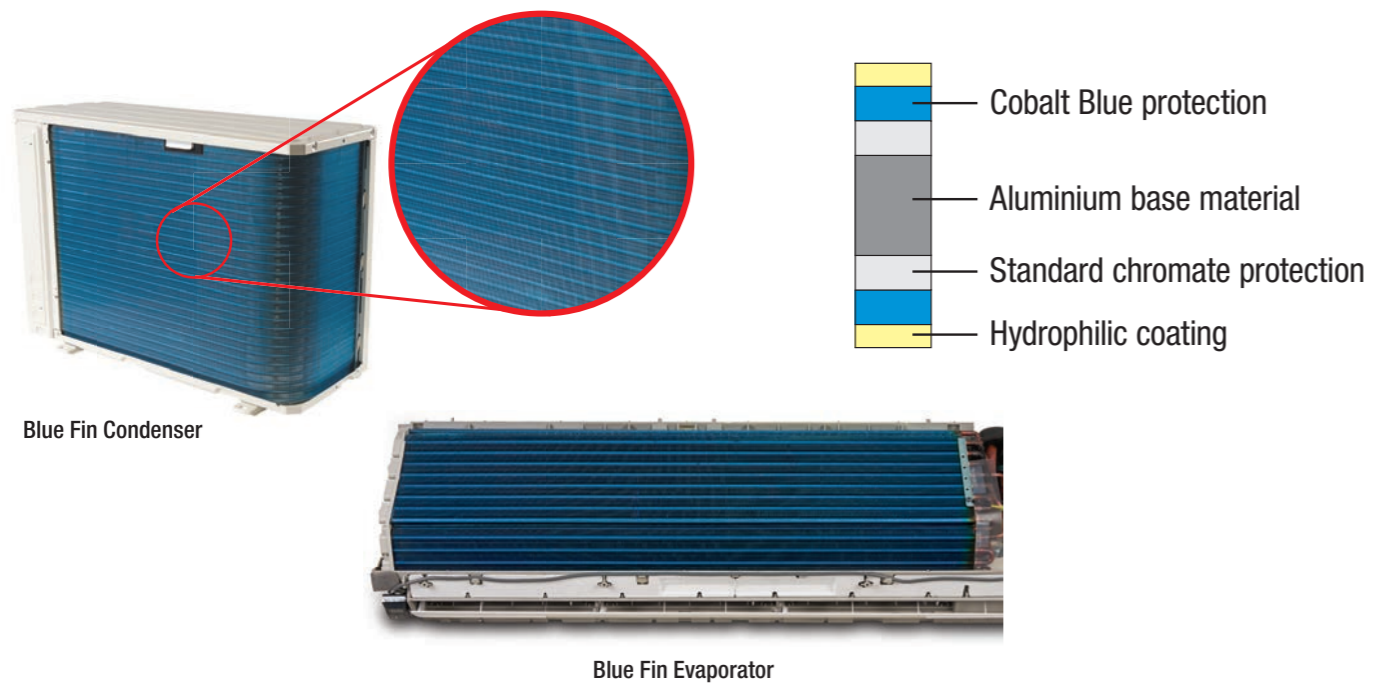
## BLUE FIN CONDENSER & EVAPORATOR



## ANTI CORROSION EVAPORATOR

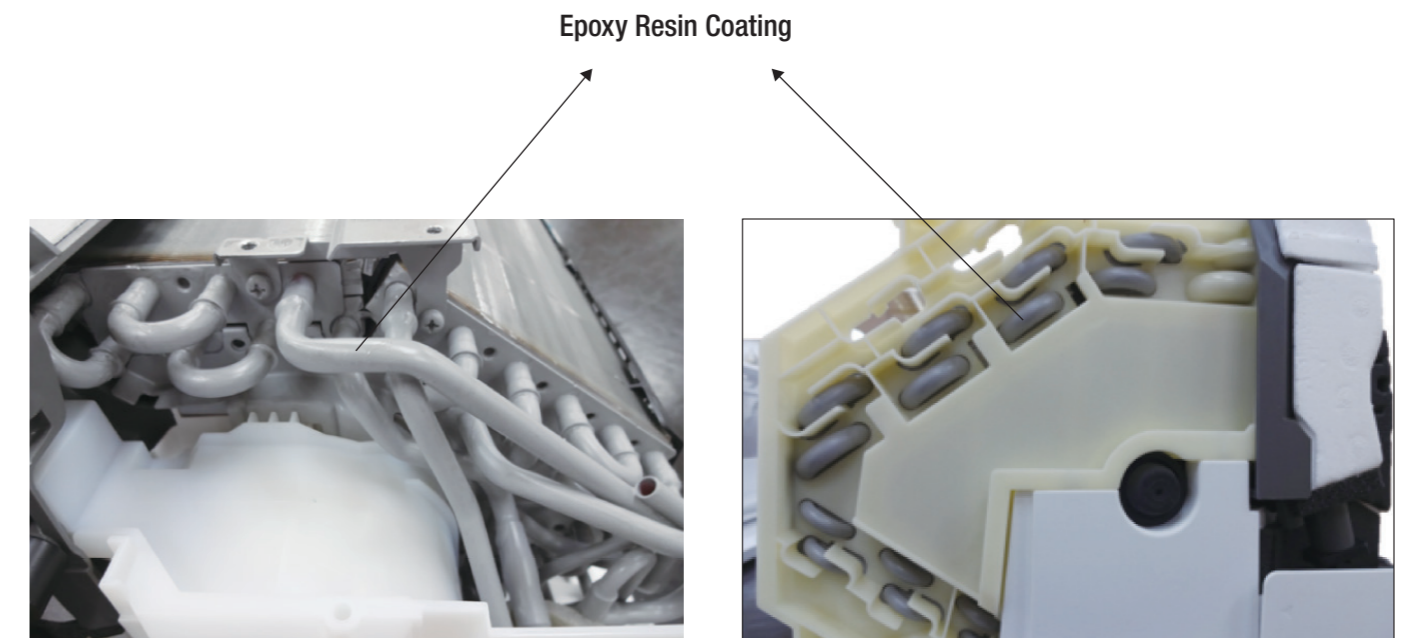
### Anti-corrosion Heat Exchanger with Blue Fin for long life

Blue fin treatment of the condenser and evaporator offers improved corrosion resistance and longer life of heat exchanger. Adoption of cobalt blue coating for the fins in the heat exchanger provides protection against rust and salt damage.



### Anti-corrosion Copper Heat Exchanger

The copper heat exchanger in the Indoor unit offers high resistance against corrosion of the evaporator coil with an anti-corrosive epoxy resin coating.





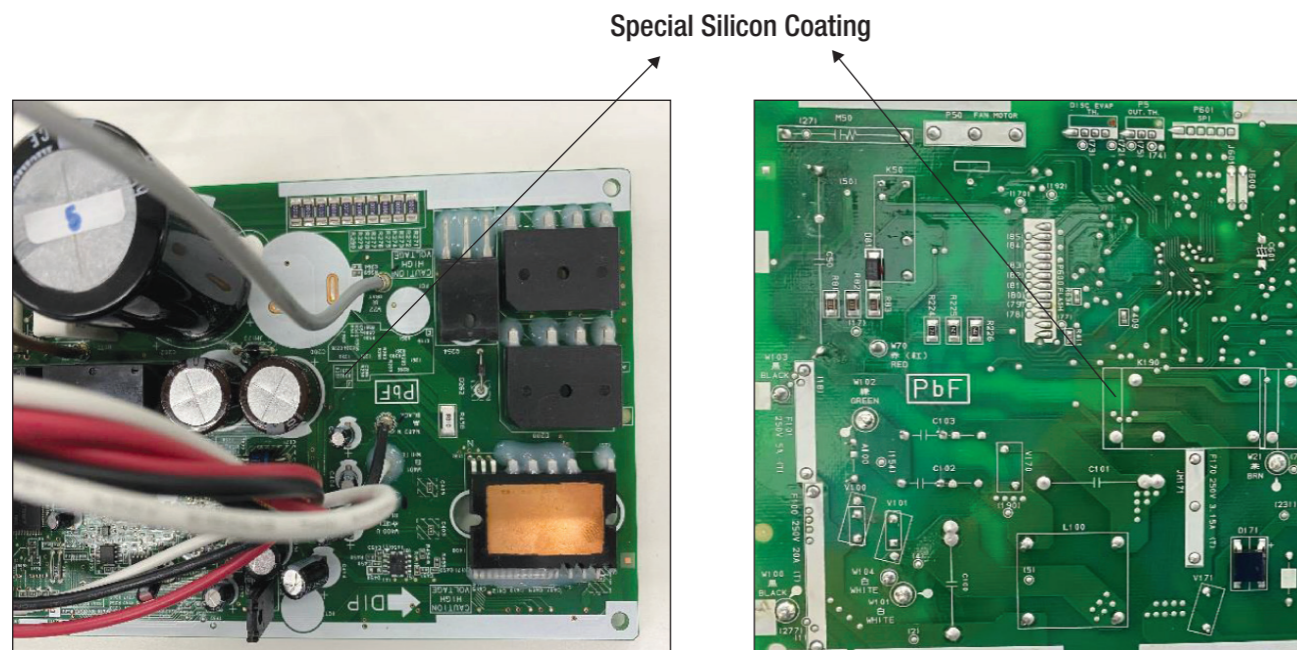
## HIGH DURABILITY PCB



## PM 2.5 FILTER

### Silicon Coated PCB

Special Silicon coating on the PCB protects the surface from dust, dirt, water and humidity ensuring long life and smooth operation.

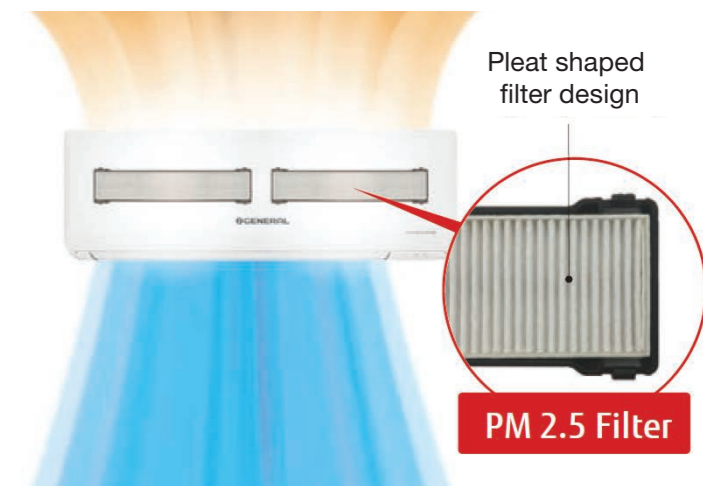


### PM 2.5 Filter

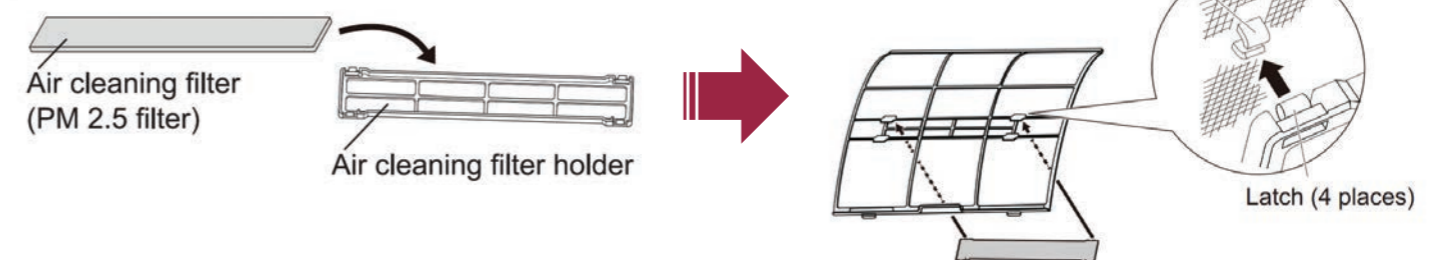
Cleans the air by catching particles as small as 0.3 ~ 2.5  $\mu\text{m}$ .

- PM 2.5 is a general term for micro-particulate matter less than 2.5  $\mu\text{m}$ .
- Life of filter: 6 months
- Additional PM 2.5 filter part number:  
CET series models & ASGG30KJTA-B: UTR-FA16-6  
CGT series, CPT/CPA series & ASGG18/24KJTA-B models: UTR-FA16-4

Note: PM 2.5 filter is available in CET & CGT series models.  
PM 2.5 filter is an optional part for CPT series models.  
Required to install two filters per unit.



### How to install the filter





## GROUP CONTROLLER\*

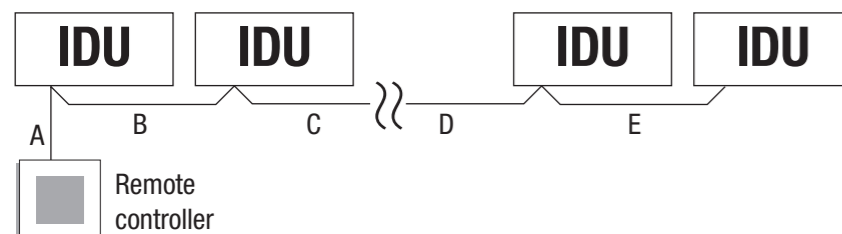
\*Optional



## SELF DIAGNOSIS

### Group Control System

A number of indoor units can be operated at the same time using a single wired remote controller. When connecting different types of indoor units (such as wall mounted, cassette, duct or other types), some functions may be restricted. Connect multiple indoor units in a system with a total wiring length of remote controller cable upto 500m.



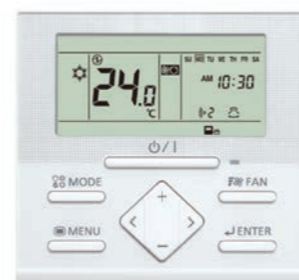
|  |                          |
|--|--------------------------|
| Total wiring length of remote controller cable (A+B+C+D+E) | Cross section of cable   |
| ≤ 500m   | 0.3~1.25 mm <sup>2</sup> |

Note: 1. Group control cannot be used together with Wireless LAN adaptor. If IOT function is enabled, group control is not possible.  
2. Group control feature is available in CET, CGT, CPA and KJT series models.

### Group Remote Controller

High visibility and easy operation. Room temperature can be accurately controlled using the built-in thermo sensor.

Communication kit UTY-TWRXZ2 is necessary for installation. Non-polar 2-core wire to be used for connection.




Wired Remote Controller UTY-RLRG

### Self Diagnosis

Enables automatic error detection in the unit for easy trouble shooting. When an error is detected, the error code number can be checked using the remote controller display to identify the issue. The lamp on the indoor unit will output error codes by way of blinking patterns.

#### How to use Self Diagnosis

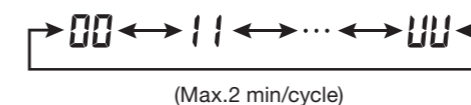
If [ ] and [☉] blink while [☉] is blinking fast on the indoor unit, check the error code. The error code is 2-digit numbers or characters.

1. Press down [  ] for more than 5 seconds.




The remote controller will enter to the Service check mode and “ — — ” will be shown.

2. Press  $\Delta$ SELECT  $\nabla$ SELECT to change the shown error code. By pressing and holding, the error code changes by every 0.5 second. The indoor unit emits 1 short beep each time the error code changes. When the corresponding error code is shown, the indoor units emits multiple beeps and all the indicator lamps on the indoor unit blink.



| The characters used for error code |   |          |   |          |   |
|------------------------------------|---|----------|---|----------|---|
| <b>A</b>                           | A | <b>C</b> | C | <b>F</b> | F |
| <b>J</b>                           | J | <b>P</b> | P | <b>U</b> | U |

To finish the Services check mode, press.  The remote controller will return to the original display. Tell the error code to authorised service personnel when consulting them. If the indoor unit emits multiple beeps at “00”, no error is detected.

Note: Available in select models.



## 3D DOUBLE AUTO SWING

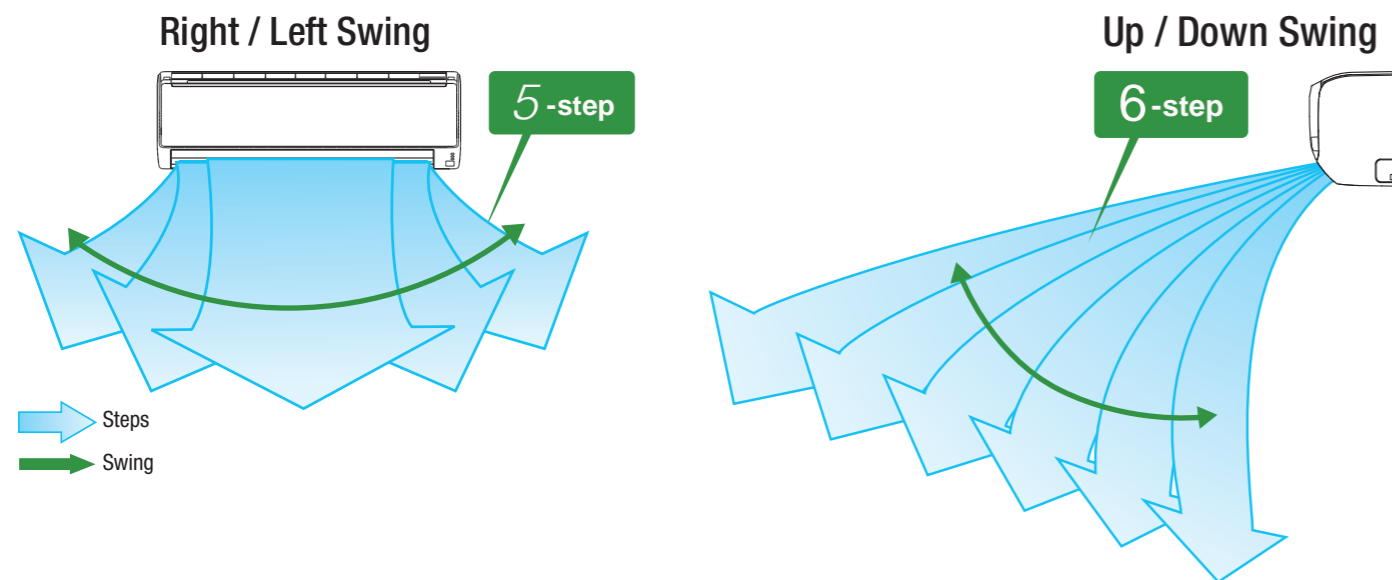


## ANTI-DRIP DESIGN

### 3D Double Auto Swing

#### 30 Step Control

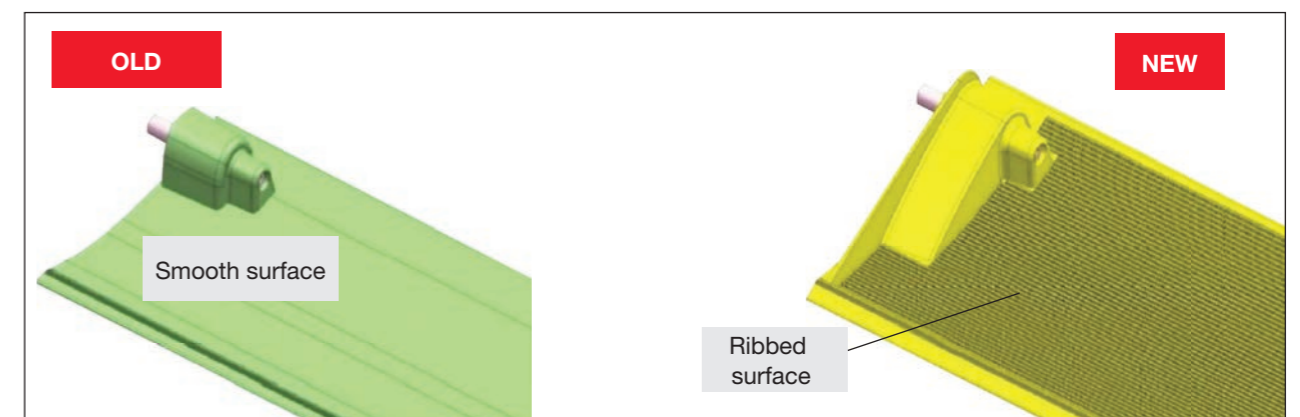
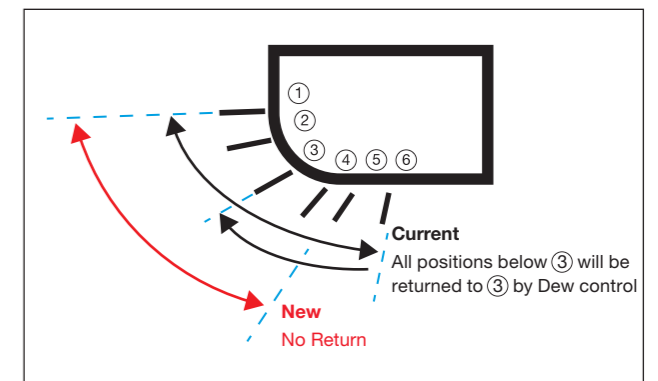
A combination of right/left and up/down directional swing airflow 3-dimensional air direction control with 30 unique configurations, which enables precision wind direction control for corner to corner cooling.



Note: Available in CET series, KJT series, FUT series, 18/24CGTB-B, 24CPTB-B and 24CPAA-B models.

### Dew Drip Prevention

The indoor unit louver has been redesigned with a ribbed surface to have less possibility of dew condensation on it. There is an option of disabling the louver return function in the new models.



Note: Available in select models.



**BACKLIT  
REMOTE  
DISPLAY**



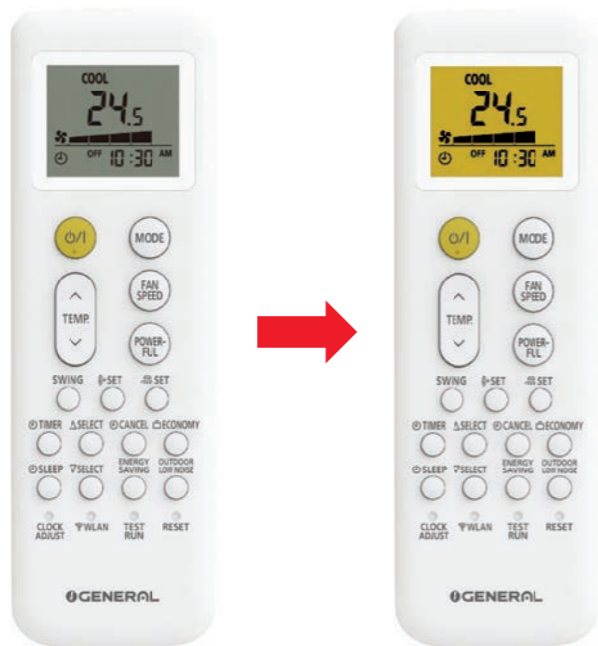
**PRECISION  
TEMPERATURE  
CONTROL**

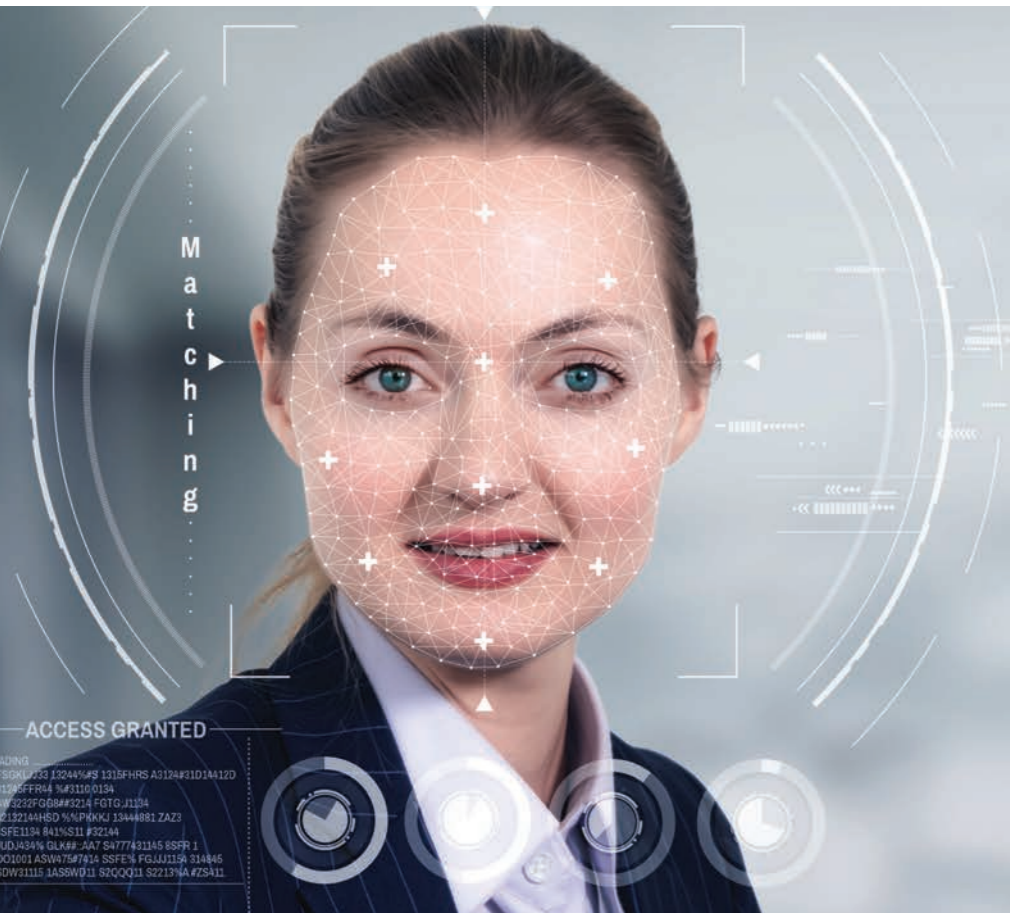
**Backlight System**

Backlight display on wireless remote controller enables easy operation in a darkened room.

**0.5°C Precision Temperature Control**

Precision temperature control allows setting the desired temperature in increments of 0.5°C for more accurate temperature setting.





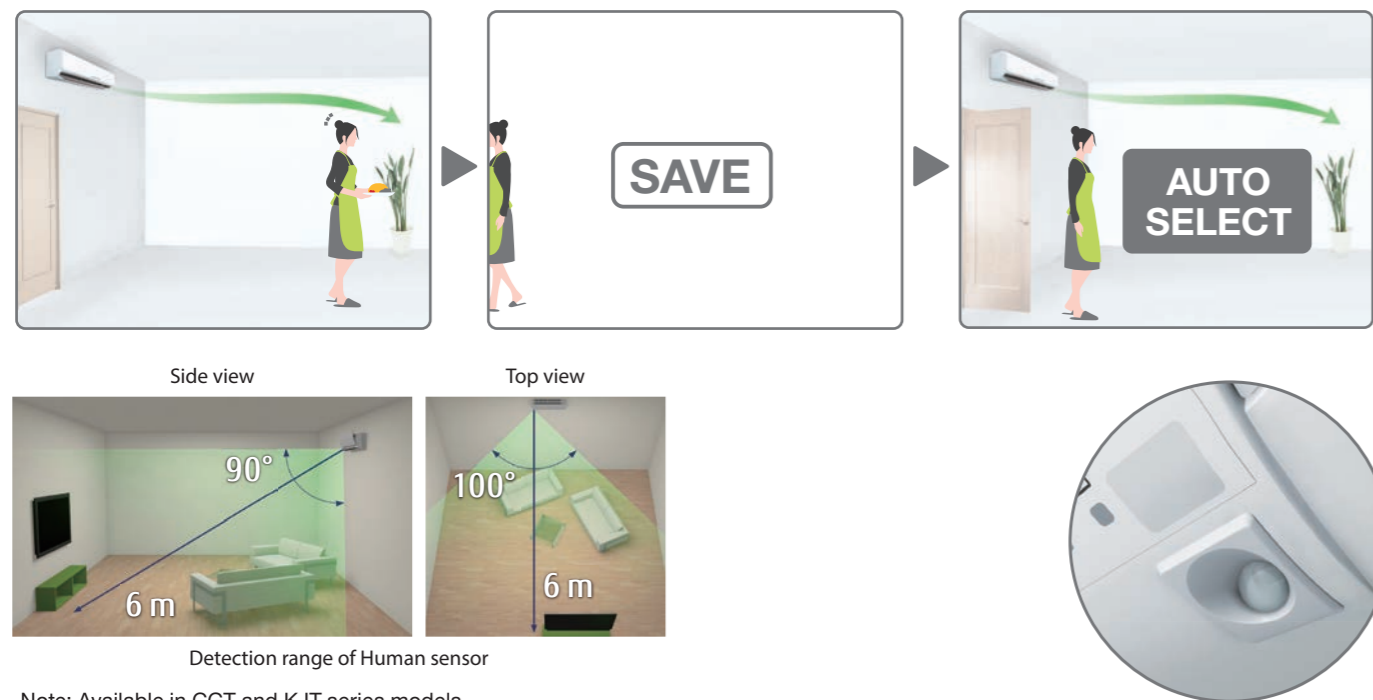
## HUMAN SENSOR



## SENSOR FUNCTION

### Energy saving by Human Sensor

Human sensor catches movements of people in a room, and operates with lower capacity if there is no one in the room for approximately 20 minutes, enabling additional energy saving. When people come back to the room, it automatically returns to previous operating mode.



### Maximum Comfort with Sensor Function

The built-in temperature sensor inside the wireless remote controller continuously takes a thermal scan of the room. When sensor function is set, the remote controller will send the detected ambient temperature to the indoor unit controller and the unit will automatically adjust the indoor temperature according to the detected ambient temperature.



Please place the remote controller near user when this function is set.

Note: Available in CLW and BMW series models.





## TEMPERATURE DISPLAY



## CONVENIENT TIMER

### Indoor Temperature Display

The Temperature display setting on the remote controller can be used to see the indoor set temperature and indoor ambient temperature on the indoor unit's display.

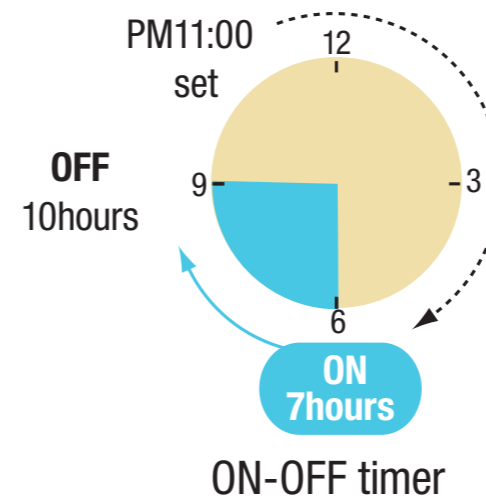


Note: Available in CLW and BMW series models.

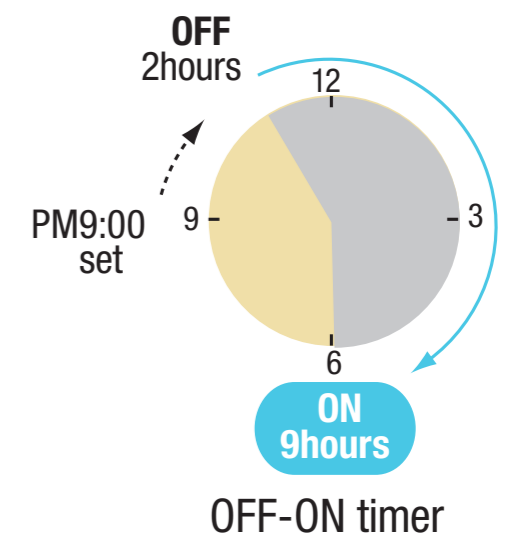
### Integrated ON – OFF Timer

You can set an integrated ON-OFF or OFF-ON timer that's suitable for your lifestyle.  
Setting time: Adjust timer setting 1 minute at a time, eg. 18:30, 31, 32...)

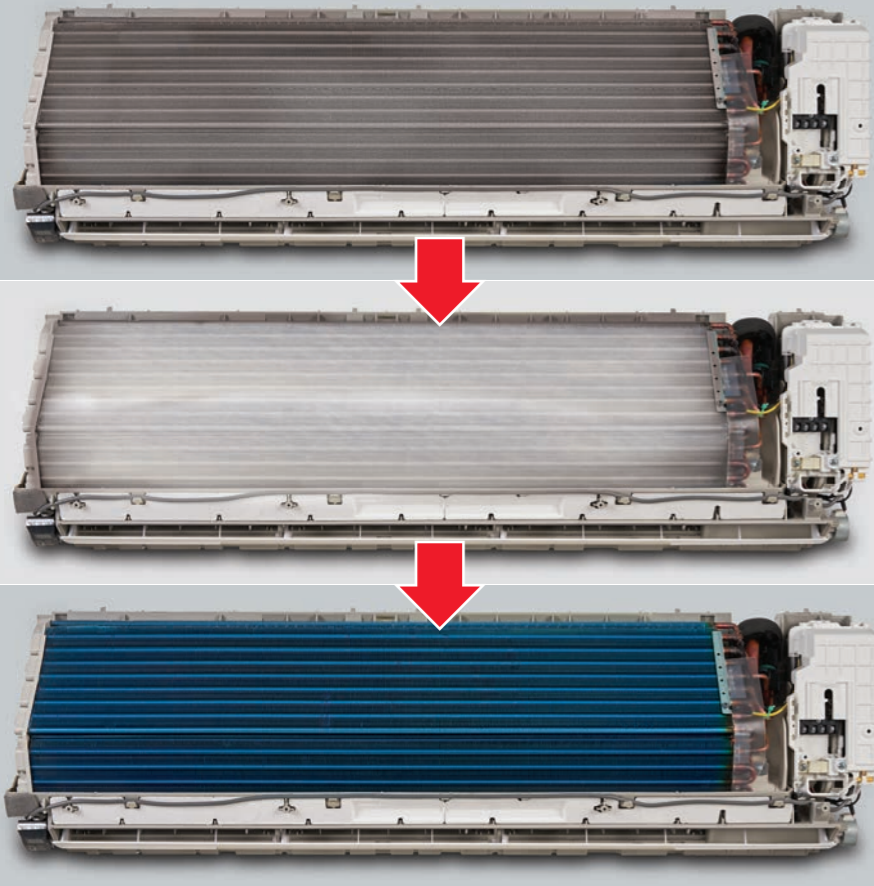
#### From wake-up to go to work



#### From sleep to wake-up



Note: Available in select models.



## COIL CLEANING FUNCTION



## COIL AUTO DRY FUNCTION

### Coil Cleaning Operation

This function can be used to clean the Indoor heat exchanger. The cold refrigerant is pumped into the heat exchanger and the moisture on the outer surface freezes as a result. The Indoor unit fan then runs at full speed melting the frozen layer and flushing out the water along with dust and other impurities.

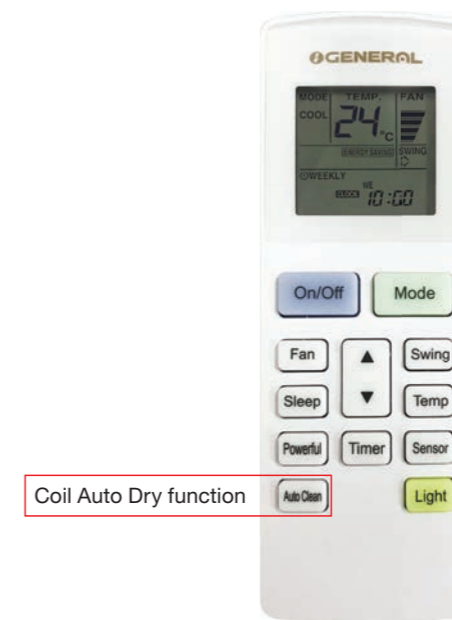


**TO START / STOP**

Press the "Mode" and "Fan" buttons simultaneously

### Mold Prevention by Coil Auto Dry Operation

This function can be enabled by pressing the Auto Clean Button on the remote controller. Once this function is enabled, the indoor unit runs for some time to dry the evaporator coil every time the unit is switch off using the remote controller. This prevents mold formation on the evaporator coil and keeps it dry.



Coil Auto Dry function



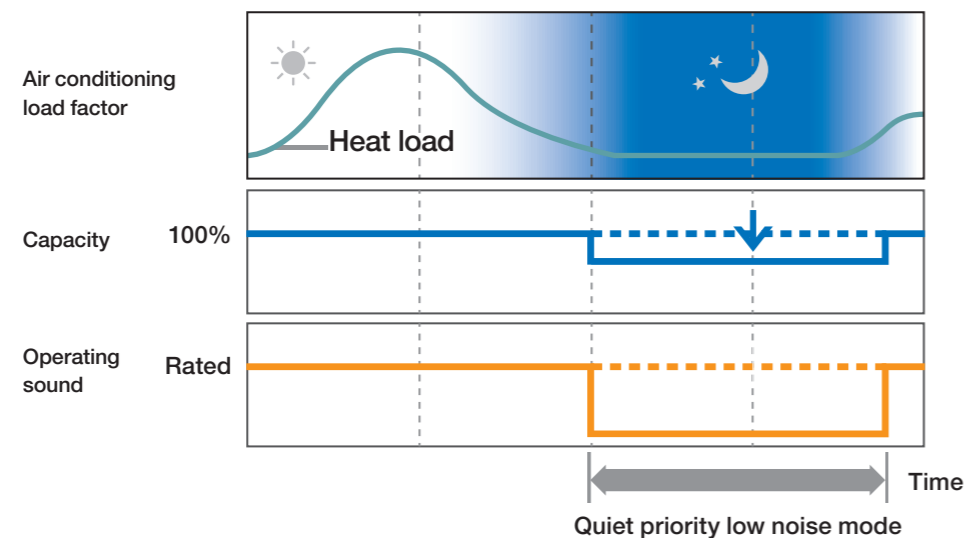
## OUTDOOR UNIT LOW NOISE OPERATION



## 10°C HEAT OPERATION

### Outdoor Unit Low Noise Operation

The Outdoor unit low noise operation lowers noise from the outdoor unit. During this operation, the rotation speed of the compressor decreases and the outdoor unit fan rotates slowly. The setting is preserved even if the air conditioner is turned off.



Note: 1. Available in KJT series models.

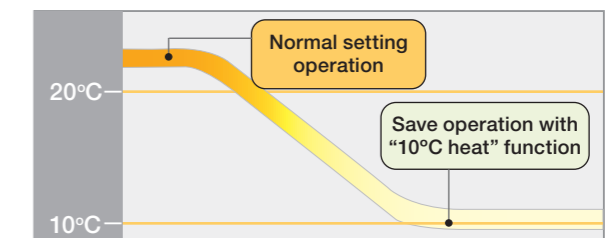
2. If the wired remote controller (optional) is connected, this function is restricted.

### 10°C Heat Operation

10°C Heat operation maintains the room temperature at 10°C, so as to prevent the room temperature from dropping too low when not occupied. Thereby, comfort level is enhanced by controlling the room temperature quickly after returning home as well as reducing power consumption while nobody is at home. Also, when nobody is at home for a long time, the room temperature can be maintained by "10°C heat" function to prevent furniture from freezing.



Remote controller with "10°C Heat" function



Room temperature change by "10°C Heat" function

Note: 1. Available in KJT series models.

2. If the wired remote controller (optional) is connected, this function is restricted.



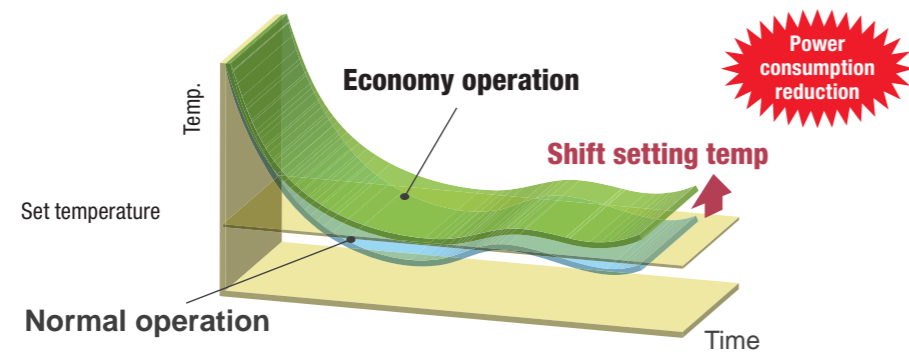
# ECONOMY MODE



# 24° C DEFAULT TEMPERATURE SETTING

## Economy Mode

This mode saves more electricity than other operation modes by changing the set temperature to a moderate setting. In the Cooling, Heating, or Dry mode, the maximum output of this operation is approximately 70% of usual operation.



| Operation mode | Room temperature                            |
|----------------|---|
| Cooling/Dry    | Few degrees higher than the set temperature |
| Heating        | Few degrees lower than the set temperature  |

Note: Available in select models.

## 24°C Default Temperature Setting

The Bureau of Energy Efficiency has mandated default setting of 24°C for air conditioners with the objective of conserving energy. Therefore, when the air conditioner is switched on, it will have a preset temperature of 24°C. However, the user can set the air conditioner at a lower or higher temperature as per their preference. It is estimated that every 1°C increase in set temperature saves about 6% of electricity. Typically, room temperature is set between 20-21°C whereas, as per standard comfort conditions, ideal temperature is 24-25°C. Considering change from 20°C to 24°C, there is potential to increase at least 4 degrees Celsius, which will lead to savings of about 24% of electricity.

Overall potential for energy conservation through such measures is estimated to the tune of 20 billion units (worth ₹ 10000 crores) annually, which is equivalent to reduction of 16.4 million tonnes of CO<sub>2</sub> per year.



For more details, visit [beeindia.gov.in](http://beeindia.gov.in)



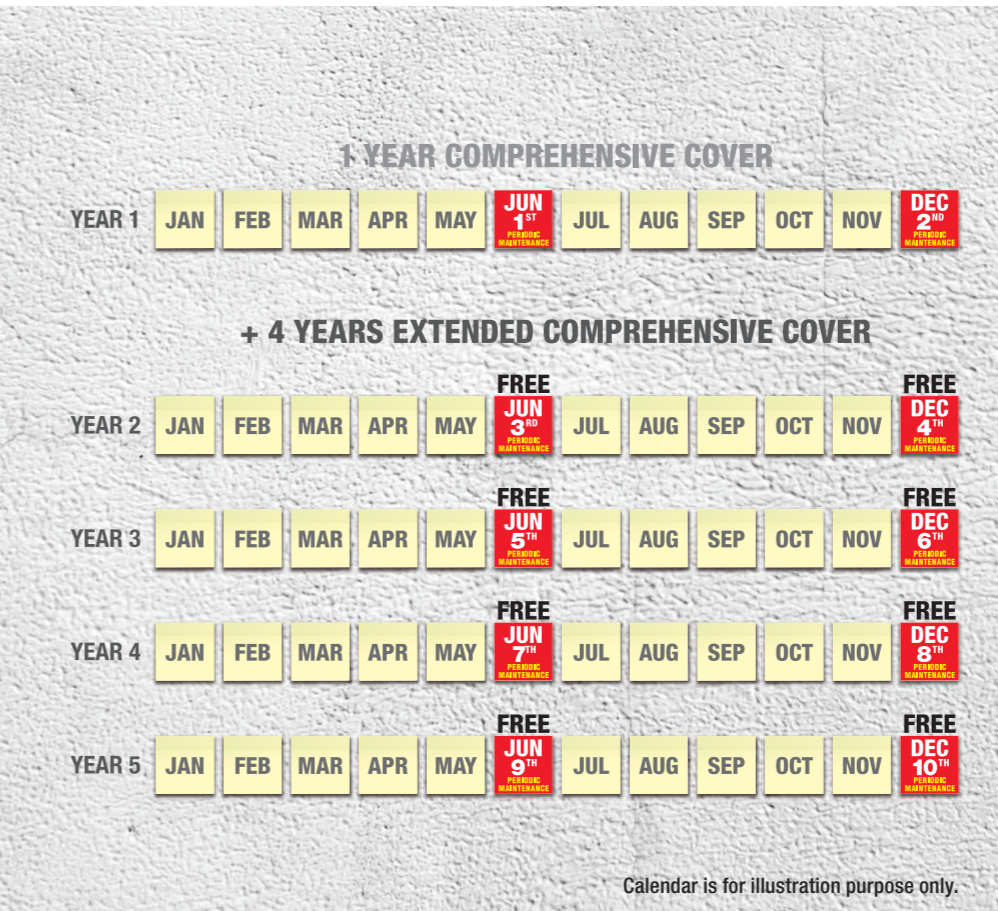
## BEST IN CLASS WARRANTY & FREE INSTALLATION

### Best in class warranty & Free installation

General offers a 10 year warranty on Inverter compressor and a 5 year warranty on Inverter PCB. Free standard installation is offered on all split and inverter models bringing down the overall cost of ownership.



Terms & Conditions apply. 10 years warranty on inverter compressor is on select models and includes 5 years standard warranty & 5 years extended warranty. 5 years warranty on inverter PCB is for the outdoor unit on select models and includes 1 year standard warranty & 4 years extended warranty. To avail extended warranty – a) Registration of product within 30 days of purchase & installation by authorised service partner is mandatory and subject to verification by the company; & b) Servicing & maintenance of product during warranty period at a nominal cost by authorised service partner is mandatory. For product registration, call 1860 2081 007 or WhatsApp 6379 881 007 or register through our General Air Conditioner Customer Mobile App. Extended warranty is valid against installation by authorised service partner and subject to verification by the company. Refer warranty card for more details.



## EXTENDED COMPEHENSIVE COVER

### Extended Comprehensive Cover

General offers an optional Extended Comprehensive Cover (ECC) for just ₹6990 (incl GST) for a period of 4 years after the completion of the 1st year comprehensive cover. The customer is entitled to avail 8 free periodic maintenance services over the 4 years. The ECC also covers all critical parts and offers free service visits in case of breakdown. Absolute peace of mind and long lasting performance for ₹4.79 per day only. Opting for ECC at the time of purchase, not only ensures priority service through General's wide service network and skilled manpower, but also prompt availability of genuine spare parts to safeguard the product for longer lifespan and optimum performance. Choose wisely and opt for ECC for your product.



For detailed terms & conditions regarding ECC, please scan QR code.

**1+4 YEARS  
EXTENDED  
COMPREHENSIVE  
COVER @ ₹6,990/-\* ONLY**

**8 PERIODIC MAINTENANCE  
CRITICAL PARTS  
SERVICE FREE\***

\* Applicable on models upto 2.0TR.  
T&C apply.



IoT READY\*

\*Optional

### Operation from anywhere

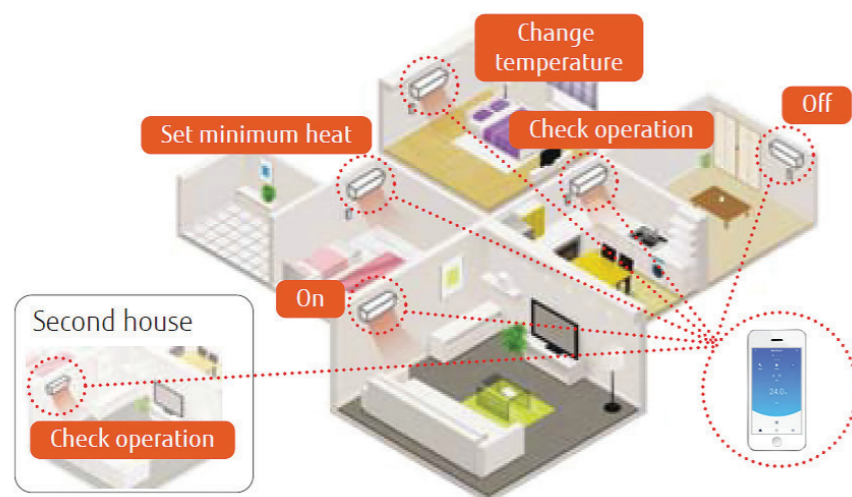
Using the Internet of Things (IoT), Fujitsu General actively provides services that allow users to control air conditioners from their smartphones. By using our Wireless LAN Interface and “FGLair” app, you can control your home’s cooling and heating anytime and anywhere.

### Wireless LAN Interface

The exclusive Wireless LAN adaptor (optional accessory) enables to operate the air conditioner by smartphone or tablet PC from outside.



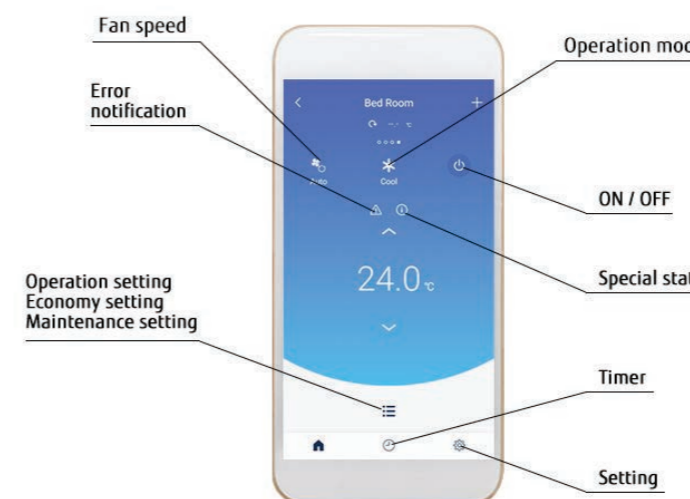
Wireless LAN Adaptor  
UTY-TFSXF3



“FGLair” is an application software that enables you to operate your General air conditioner with a mobile device and control your home’s climate anytime, anywhere!

### User friendly interface

User friendly screen display facilitates easy operation.



### Main functions

- ON / OFF
- Operation mode
- Fan speed
- Louver position
- Set temperature control
- Weekly timer
- Error display
- Email notification

Scan to download **FGLair** App:



Note: FGLair App can be used only if the Wireless LAN adaptor is installed.



# HYPER TROPICAL CASSETTE AIR CONDITIONER

## 360° Turbo Flow Design

Enables 360° all round air flow by mounting high performance DC fan motor, turbo fan and unique seamless airflow louver design. The gaps between each airflow opening is removed, which enables comfortable air conditioning spread to every corner of the room by circular flow & wide vertical airflow. Moreover it cools even at 52°C.



## Wide Airflow

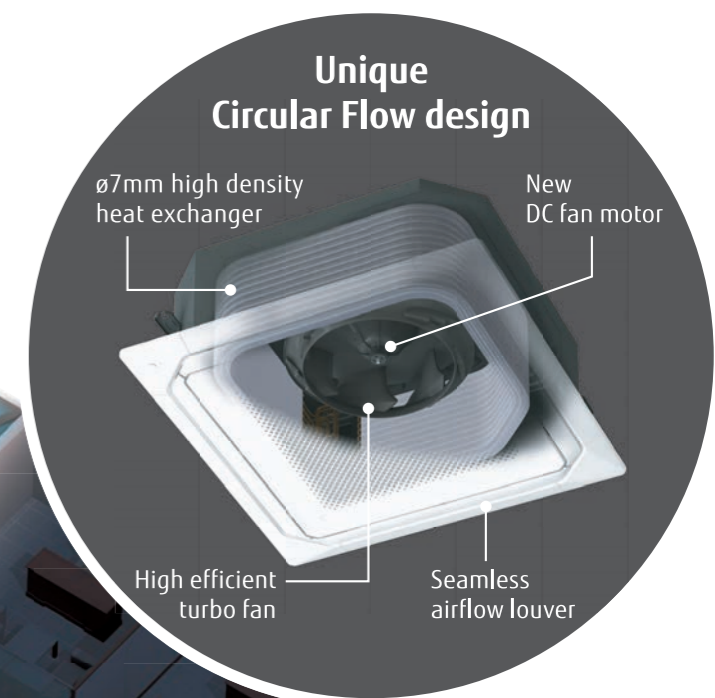
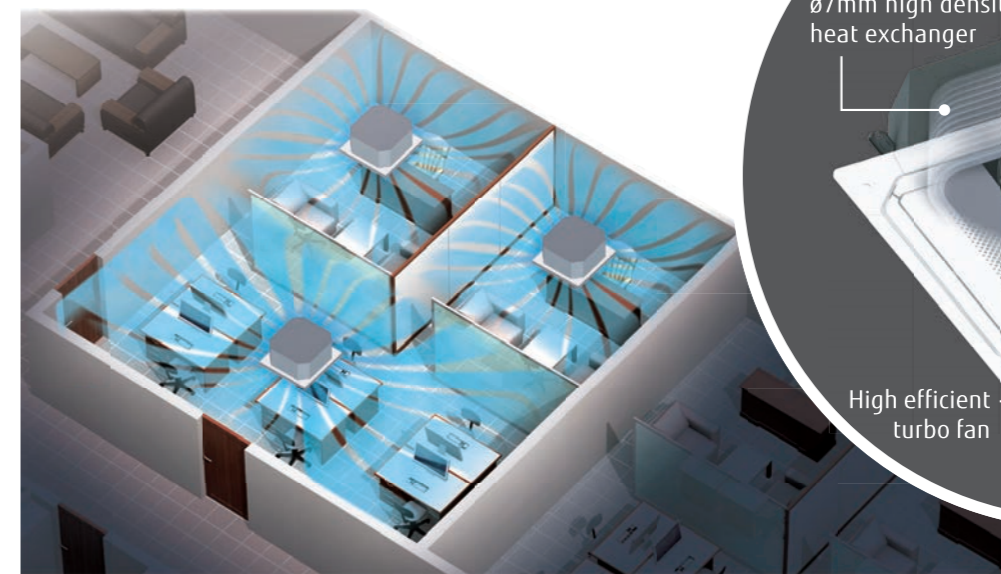


Seamless Airflow

## Corner Airflow



Uniform temperature air conditioning



# TROPICAL INNOVATION INVERTER

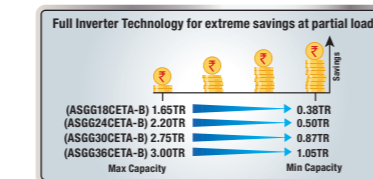
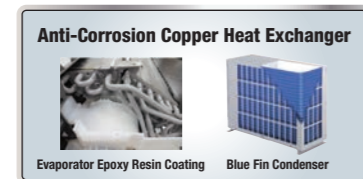
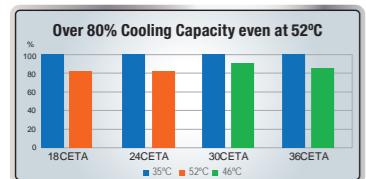
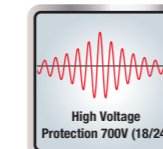
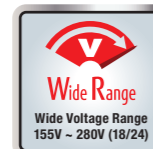


## CET Series

Star Rating:



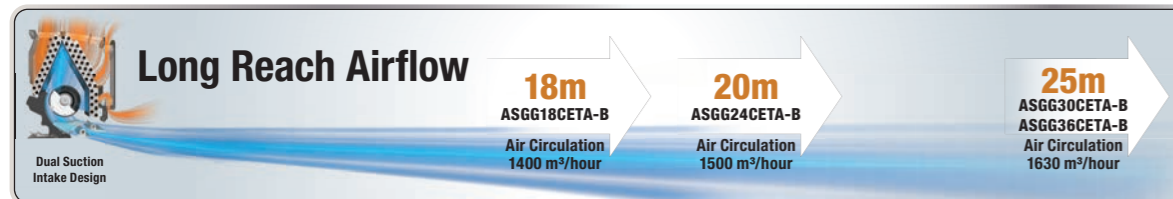
Model Number: ASGG18CETA-B ASGG24CETA-B ASGG30CETA-B ASGG36CETA-B



Wireless Remote



Wired Remote for Group Controller (Optional)



## TECHNICAL SPECIFICATIONS

| PARAMETERS                                   | IDU Model Number | ASGG18CETA-B                   | ASGG24CETA-B                        | ASGG30CETA-B                        | ASGG36CETA-B                        |
|--|------------------|--------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|  | ODU Model Number | AOGG18CETA-B                   | AOGG24CETA-B                        | AOGG30CETA-B                        | AOGG36CETA-B                        |
| BEE Star Rating                              | -                | 5                              | 5                                   | 4                                   | 5                                   |
| Tonnage                                      | TR               | 1.5 (0.38~1.65)                | 2.0 (0.50~2.20)                     | 2.5 (0.87~2.75)                     | 3.0 (1.05~3.00)                     |
| Power Supply                                 | Ph-Hz-V          | 1φ-50-230                      |                                     |                                     |                                     |
| Running Current                              | A                | 6.0                            | 8.1                                 | 11.0                                | 15.3                                |
| Standard Cooling at 100% Capacity (Min~Max)  | W                | 5,280 (1320~5810)              | 7,040 (1760~7740)                   | 8,800 (3080~9680)                   | 10,560 (3700~10560)                 |
| Standard Cooling at 50% Capacity             | W                | 2,640                          | 3,520                               | 4,400                               | 5,280                               |
| Power Consumption at 100% Capacity (Min~Max) | W                | 1,310 (150~1570)               | 1,830 (340~2350)                    | 2,500 (540~2680)                    | 3,450 (540~3450)                    |
| Power Consumption at 50% Capacity            | W                | 410                            | 590                                 | 820                                 | 1,050                               |
| EER at 100% Capacity                         | W/W              | 4.03                           | 3.85                                | 3.52                                | 3.06                                |
| EER at 50% Capacity                          | W/W              | 6.44                           | 5.97                                | 5.37                                | 5.03                                |
| Rated ISEER                                  | kWh/kWh          | 5.56                           | 5.22                                | 4.74                                | 4.28                                |
| Electricity Consumption per Annum            | kWh              | 735                            | 1043                                | 1438                                | -                                   |
| Moisture Removal                             | l/h              | 1.0                            | 2.0                                 | 2.7                                 | 4.5                                 |
| Indoor Fan Speed Control Levels              | -                | 6                              | 6                                   | 6                                   | 6                                   |
| Indoor Airflow Volume-Powerful               | m³/h             | 1400                           | 1500                                | 1630                                | 1630                                |
| Indoor Airflow Distance                      | m                | 18                             | 20                                  | 25                                  | 25                                  |
| Indoor Unit Dimensions HxWxD                 | mm               | 340x1150x280                   | 340x1150x280                        | 340x1150x280                        | 340x1150x280                        |
| Indoor Unit Net Weight                       | kg               | 16.0                           | 16.0                                | 16.0                                | 16.0                                |
| Outdoor Unit Dimensions HxWxD                | mm               | 632x799x290                    | 716x820x315                         | 788x940x320                         | 788x940x320                         |
| Outdoor Unit Net Weight                      | kg               | 35.0                           | 41.0                                | 52.0                                | 53.0                                |
| Indoor Noise Level-Quiet                     | dB(A)            | 28                             | 30                                  | 32                                  | 32                                  |
| Connection Pipe (Gas / Liquid)               | mm               | 12.70 / 6.35                   | 12.70 / 6.35                        | 15.88 / 9.52                        | 15.88 / 9.52                        |
| Pipe Length Min-Max (Precharged)             | m                | 3~20 (15)                      | 3~30 (15)                           | 3~50 (20)                           | 3~50 (20)                           |
| Max Height Difference                        | m                | 15                             | 25                                  | 30                                  | 30                                  |
| Ambient Operating Temperature Range          | °C               | 18°C ~ 55°C                    | 18°C ~ 55°C                         | 18°C ~ 55°C                         | 18°C ~ 55°C                         |
| Operating Voltage Range                      | V                | 155V ~ 280V                    | 155V ~ 280V                         | 155V ~ 265V                         | 155V ~ 265V                         |
| Refrigerant Type                             | Non-CFC          | R32                            | R32                                 | R32                                 | R32                                 |
| Compressor Type                              | -                | Advanced Hyper Tropical Rotary | Advanced Hyper Tropical Twin Rotary | Advanced Hyper Tropical Twin Rotary | Advanced Hyper Tropical Twin Rotary |
| Evaporator & Condenser Coil Material         | -                | Copper                         | Copper                              | Copper                              | Copper                              |

\*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. Pipe length : 5.0 m Voltage : 230 [V]. Piping can be extended to above length for full efficiency with additional charge of gas as per installation manual. The noise level is the value when measured in an anechoic room.

## INSTALLATION CHECK POINTS

| Unit Capacity                                       | 1.5-Ton  | 2.0-Ton      | 2.5-Ton      | 3.0-Ton      |         |
|---|--|--------------|--------------|--------------|---------|
| Model No.   | ASGG18CETA-B   | ASGG24CETA-B | ASGG30CETA-B | ASGG36CETA-B |         |
| Check for Main Power Supply                         | Main Power Supply at                                     |              |              |              |         |
|   | Main Power Source P & N                                  |              |              |              |         |
|   | OUTDOOR UNIT   |              |              |              |         |
|   | 230 Volts/50Hz/ 1 Phase                                  |              |              |              |         |
| ODU to IDU Wiring                                   | Proper Earthing  |              |              |              |         |
|   | Mandatory  |              |              |              |         |
|   | Main Power N & E   |              |              |              |         |
|   | ± 3 Volts  |              |              |              |         |
| Piping Size & Thickness                             | Resistance (To be measured with ground test meter)       |              |              |              |         |
|   | <25 Ohms   |              |              |              |         |
|   | Maximum Operating Current in A <sup>*1</sup>             | 12.3         | 14.3         | 18.8         | 18.8    |
|   | Starting Current in A                                    | 6.0          | 8.1          | 11.0         | 15.3    |
| Pipe Limitation & Additional Refrigerant Charge     | Connection Cord ODU to IDU in mm <sup>2</sup>            | 1.5          | 1.5          | 1.5          | 1.5     |
|   | No. of Cores - ODU to IDU                                | 4            | 4            | 4            | 4       |
|   | Power Cable in mm <sup>2</sup>                           | 1.5          | 1.5          | 4.0          | 4.0     |
|   | No of Cores - Power Supply                               | 3            | 3            | 3            | 3       |
| NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM. | Connection cable limited wiring length in m <sup>2</sup> | 21           | 31           | 51           | 51      |
|   | Circuit Breaker Current in A                             | 15           | 15           | 30           | 30      |
|   | Type of Gas  | R32          | R32          | R32          | R32     |
|   | Copper Pipe Thickness in mm                              | 0.8          | 0.8          | 1.0          | 1.0     |
| Pipe Limitation & Additional Refrigerant Charge     | Pipe size-Liquid in mm                                   | Ø 6.35       | Ø 6.35       | Ø 9.52       | Ø 9.52  |
|   | Pipe size-Suction in mm                                  | Ø 12.70      | Ø 12.70      | Ø 15.88      | Ø 15.88 |
|   | Minimum Pipe Length in m                                 | 3            | 3            | 3            | 3       |
|   | Maximum Pipe Length in m                                 | 20           | 30           | 50           | 50      |
| NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM. | Maximum Height Difference in m                           | 15           | 25           | 30           | 30      |
|   | Pre-Charged Refrigerant in g                             | 1,000        | 1,400        | 1,700        | 1,700   |
|   | Standard Refrigerant Pre-Charged in m                    | 15           | 15           | 20           | 20      |
|   | Additional Charge in g/m                                 | 20           | 20           | 40           | 40      |

# Information is subject to change without prior notice.

\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.

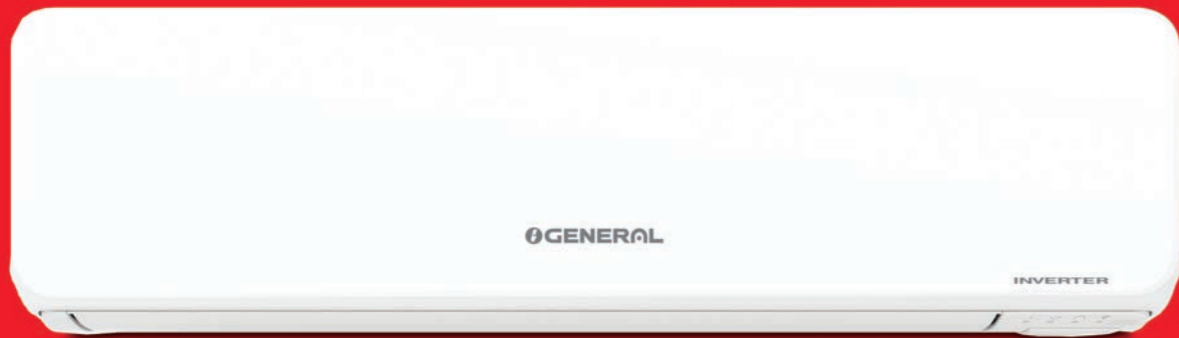
\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.



# EFFICIENT & TROPICAL INVERTER



ASGG12CGTB-B



ASGG18CGTB-B  
ASGG24CGTB-B

## CGT Series

Star Rating:



Model Number: ASGG12CGTB-B

ASGG18CGTB-B

ASGG24CGTB-B



|  |  |  |  |  |  |
|--|--|--|--|--|--|
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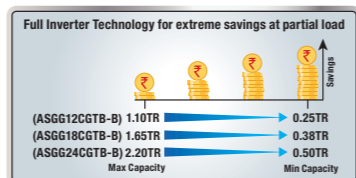
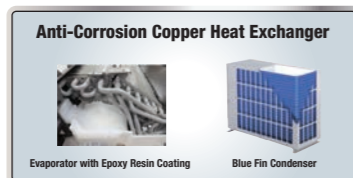
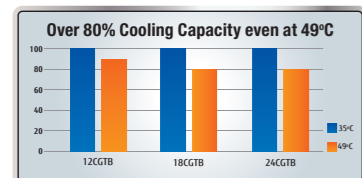
ASGG12CGTB-B ASGG18CGTB-B  
ASGG24CGTB-B



Wireless Remote



Wired Remote for Group Controller (Optional)



## TECHNICAL SPECIFICATIONS

| PARAMETERS                                   | IDU Model Number | ASGG12CGTB-B                   | ASGG18CGTB-B                   | ASGG24CGTB-B                        |
|--|------------------|--------------------------------|--------------------------------|-------------------------------------|
|  | ODU Model Number | AOGG12CGTB-B                   | AOGG18CGTB-B                   | AOGG24CGTB-B                        |
| BEE Star Rating                              | -                | 5                              | 5                              | 5                                   |
| Tonnage                                      | TR               | 1.0 (0.25~1.10)                | 1.5 (0.38~1.65)                | 2.0 (0.50~2.20)                     |
| Power Supply                                 | Ph-Hz-V          | 1φ-50-230                      |                                |                                     |
| Running Current                              | A                | 4.8                            | 6.5                            | 8.5                                 |
| Standard Cooling at 100% Capacity (Min~Max)  | W                | 3,520 (880~3870)               | 5,280 (1320~5810)              | 7,040 (1760~7740)                   |
| Standard Cooling at 50% Capacity             | W                | 1,760                          | 2,640                          | 3,520                               |
| Power Consumption at 100% Capacity (Min~Max) | W                | 970 (140~1090)                 | 1,390 (150~1570)               | 1,935 (340~2350)                    |
| Power Consumption at 50% Capacity            | W                | 295                            | 450                            | 610                                 |
| EER at 100% Capacity                         | W/W              | 3.63                           | 3.80                           | 3.64                                |
| EER at 50% Capacity                          | W/W              | 5.97                           | 5.87                           | 5.77                                |
| Rated ISEER                                  | kWh/kWh          | 5.08                           | 5.15                           | 5.00                                |
| Electricity Consumption per Annum            | kWh              | 536                            | 794                            | 1090                                |
| Moisture Removal                             | l/h              | 1.3                            | 1.6                            | 2.7                                 |
| Indoor Fan Speed Control Levels              | -                | 5                              | 5                              | 5                                   |
| Indoor Airflow Volume-High                   | m3/h             | 700                            | 1010                           | 1160                                |
| Indoor Airflow Distance                      | m                | 10                             | 15                             | 15                                  |
| Indoor Unit Dimensions HxWxD                 | mm               | 270X834X215                    | 280X980X240                    | 280x980x240                         |
| Indoor Unit Net Weight                       | kg               | 10.0                           | 12.5                           | 12.5                                |
| Outdoor Unit Dimensions HxWxD                | mm               | 542X799X290                    | 632X799X290                    | 716x820x315                         |
| Outdoor Unit Net Weight                      | kg               | 30.0                           | 35.0                           | 41.0                                |
| Indoor Noise Level-Quiet                     | dB(A)            | 20                             | 30                             | 30                                  |
| Connection Pipe (Gas / Liquid)               | mm               | 9.52 / 6.35                    | 12.70 / 6.35                   | 12.70 / 6.35                        |
| Pipe Length Min~Max (Precharged)             | m                | 3~20 (15)                      | 3~20 (15)                      | 3~30 (15)                           |
| Max Height Difference                        | m                | 15                             | 15                             | 25                                  |
| Ambient Operating Temperature Range          | °C               | 18°C ~ 55°C                    | 18°C ~ 55°C                    | 18°C ~ 55°C                         |
| Operating Voltage Range                      | V                | 155V ~ 280V                    | 155V ~ 280V                    | 155V ~ 280V                         |
| Refrigerant Type                             | Non-CFC          | R32                            | R32                            | R32                                 |
| Compressor Type                              | -                | Advanced Hyper Tropical Rotary | Advanced Hyper Tropical Rotary | Advanced Hyper Tropical Twin Rotary |
| Evaporator & Condenser Coil Material         | -                | Copper                         | Copper                         | Copper                              |

\*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. Pipe length : 5.0 m Voltage : 230 [V]. Piping can be extended to above length for full efficiency with additional charge of gas as per installation manual. The noise level is the value when measured in an anechoic room.

## INSTALLATION CHECK POINTS

| Unit Capacity  | 1.0-Ton  | 1.5-Ton      | 2.0-Ton      |         |
|--|--|--------------|--------------|---------|
| Model No.  | ASGG12CGTB-B                                       | ASGG18CGTB-B | ASGG24CGTB-B |         |
| Check for Main Power Supply                              | Main Power Supply at                               |              |              |         |
|  | Main Power Source P & N                            |              |              |         |
|  | Proper Earthing                                    |              |              |         |
|  | Main Power N & E                                   |              |              |         |
|  | Resistance (To be measured with ground test meter) |              |              |         |
| ODU to IDU Wiring  | OUTDOOR UNIT                                       |              |              |         |
|  | 230 Volts/50Hz/ 1 Phase                            |              |              |         |
|  | Mandatory  |              |              |         |
|  | ± 3 Volts  |              |              |         |
|  | <25 Ohms   |              |              |         |
|  | Maximum Operating Current in A <sup>#1</sup>       | 9.3          | 9.7          | 14.3    |
|  | Starting Current in A                              | 4.8          | 6.5          | 8.5     |
| Connection Cord ODU to IDU in mm <sup>2</sup>            | 1.5  | 1.5          | 1.5          |         |
| No. of Cores - ODU to IDU                                | 4  | 4            | 4            |         |
| Power Cable in mm <sup>2</sup>                           | 1.5  | 1.5          | 1.5          |         |
| No of Cores - Power Supply                               | 3  | 3            | 3            |         |
| Connection cable limited wiring length in m <sup>2</sup> | 21   | 21           | 31           |         |
| Circuit Breaker Current in A                             | 15   | 15           | 15           |         |
| Piping Size & Thickness                                  | Type of Gas  | R32          | R32          | R32     |
|  | Copper Pipe Thickness in mm                        | 0.8          | 0.8          | 0.8     |
|  | Pipe size-Liquid in mm                             | Ø 6.35       | Ø 6.35       | Ø 6.35  |
| Pipe Limitation & Additional Refrigerant Charge          | Pipe size-Suction in mm                            | Ø 9.52       | Ø 12.70      | Ø 12.70 |
|  | Minimum Pipe Length in m                           | 3            | 3            | 3       |
|  | Maximum Pipe Length in m                           | 20           | 20           | 30      |
|  | Maximum Height Difference in m                     | 15           | 15           | 25      |
|  | Pre-Charged Refrigerant in g                       | 750          | 1,000        | 1,400   |
| Standard Refrigerant Pre-Charged in m                    | 15   | 15           | 15           |         |
| Additional Charge in g/m                                 | 20   | 20           | 20           |         |

NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.

# Information is subject to change without prior notice.

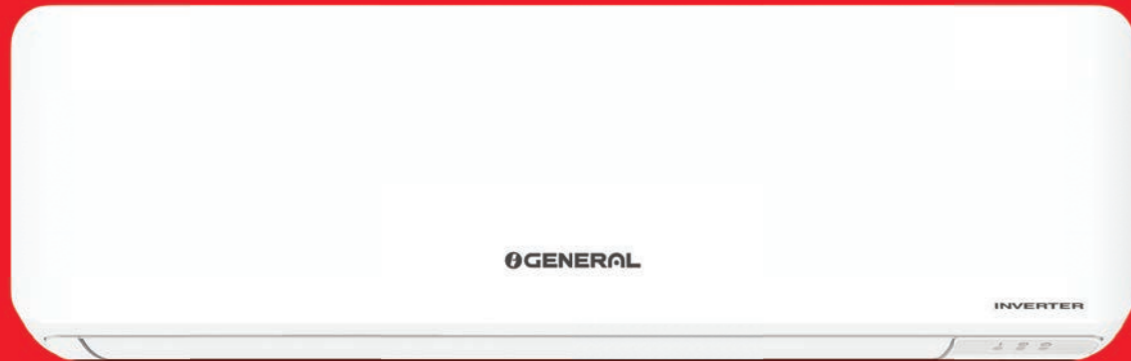
\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.

\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.

# TROPICAL INVERTER



ASGG12CPTB-B  
ASGG12CPAA-B  
ASGG18CPTB-B  
ASGG18CPAA-B



ASGG24CPTB-B  
ASGG24CPAA-B

## CPT/CPA Series

Star Rating:



Model Number: ASGG12CPTB-B  
ASGG12CPAA-B



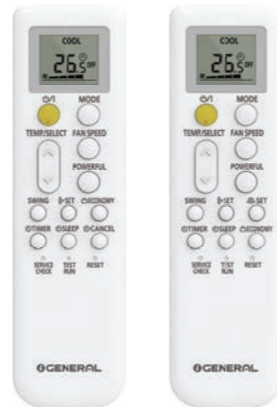
ASGG18CPTB-B  
ASGG18CPAA-B



ASGG24CPTB-B  
ASGG24CPAA-B



ASGG12CPTB-B  
ASGG12CPAA-B  
ASGG18CPTB-B  
ASGG18CPAA-B  
ASGG24CPTB-B  
ASGG24CPAA-B



Wireless Remote

Advanced Hyper Tropical Product Design

Coanda Airflow (18/24)

Wide Voltage Range 155V ~ 280V (12/18)

Silicon Coated PCB for Long Life

High Voltage Protection 700V (12/18)

0.5°C Precision Temperature Control

5 Speed Fan Control

Powerful Mode

Quiet Operation

Higher Moisture Removal Rate

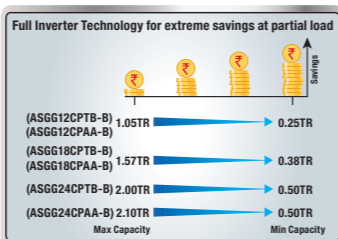
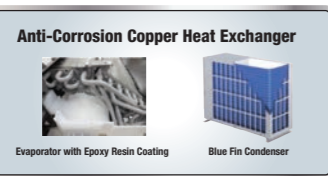
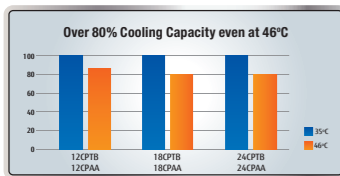
Self Diagnosis

Double Double Swing Automatic-3D Airflow (24)

10 YEAR WARRANTY

5 YEAR WARRANTY

3 METRES PIPING KIT INCLUDED



\*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 87 for specific modelwise features.

# TECHNICAL SPECIFICATIONS

| PARAMETERS                                   | IDU Model Number | ASGG12CPTB-B                   | ASGG18CPTB-B                   | ASGG24CPTB-B                        | ASGG12CPAA-B                   | ASGG18CPAA-B                   | ASGG24CPAA-B                        |
|--|------------------|--------------------------------|--------------------------------|-------------------------------------|--------------------------------|--------------------------------|-------------------------------------|
|  | ODU Model Number | AOGG12CPTB-B                   | AOGG18CPTB-B                   | AOGG24CPTB-B                        | AOGG12CPAA-B                   | AOGG18CPAA-B                   | AOGG24CPAA-B                        |
| BEE Star Rating                              | -                | 3                              | 3                              | 3                                   | 3                              | 3                              | 3                                   |
| Tonnage                                      | TR               | 1.0                            | 1.5                            | 2.0                                 | 1.0                            | 1.5                            | 2.0                                 |
| Power Supply                                 | Ph-Hz-V          | 1φ-50-230                      |                                |                                     |                                |                                |                                     |
| Running Current                              | A                | 5.7                            | 8.5                            | 10.6                                | 5.7                            | 8.5                            | 10.6                                |
| Standard Cooling at 100% Capacity (Min-Max)  | W                | 3,520 (880-3700)               | 5,280 (1320-5540)              | 7,040 (1760-7040)                   | 3520 (880-3700)                | 5280 (1320-5540)               | 7040 (1760-7390)                    |
| Standard Cooling at 50% Capacity             | W                | 1,760                          | 2,640                          | 3,520                               | 1,760                          | 2,640                          | 3,520                               |
| Power Consumption at 100% Capacity (Min-Max) | W                | 1,220 (210-1230)               | 1,880 (270-1960)               | 2,390 (190-2390)                    | 1220 (200-1230)                | 1880 (270-1960)                | 2390 (240-2620)                     |
| Power Consumption at 50% Capacity            | W                | 400                            | 600                            | 690                                 | 400                            | 600                            | 690                                 |
| EER at 100% Capacity                         | W/W              | 2.89                           | 2.81                           | 2.95                                | 2.89                           | 2.81                           | 2.95                                |
| EER at 50% Capacity                          | W/W              | 4.40                           | 4.40                           | 5.10                                | 4.40                           | 4.40                           | 5.10                                |
| Rated ISEER                                  | kWh/kWh          | 3.88                           | 3.83                           | 4.24                                | 3.88                           | 3.83                           | 4.24                                |
| Electricity Consumption per Annum            | kWh              | 702                            | 1066                           | 1286                                | 702                            | 1066                           | 1286                                |
| Moisture Removal                             | l/h              | 1.5                            | 1.9                            | 2.7                                 | 1.5                            | 1.9                            | 2.7                                 |
| Indoor Fan Speed Control Levels              | -                | 5                              | 5                              | 5                                   | 5                              | 5                              | 5                                   |
| Indoor Airflow Volume-High                   | m3/h             | 700                            | 940                            | 1170                                | 700                            | 940                            | 1170                                |
| Indoor Airflow Distance                      | m                | 10                             | 15                             | 15                                  | 10                             | 15                             | 15                                  |
| Indoor Unit Dimensions HxWxD                 | mm               | 270x834x222                    | 270x834x239                    | 280x980x240                         | 270 x 834 x 239                | 270 x 834 x 239                | 280 x 980 x 240                     |
| Indoor Unit Net Weight                       | kg               | 9.5                            | 10.5                           | 12.5                                | 10.0                           | 11.0                           | 12.5                                |
| Outdoor Unit Dimensions HxWxD                | mm               | 541x663x290                    | 541x663x290                    | 632x799x290                         | 541 x 663 x 290                | 541 x 663 x 290                | 632 x 799 x 290                     |
| Outdoor Unit Net Weight                      | kg               | 22.0                           | 25.0                           | 36.0                                | 21.0                           | 25.0                           | 33.0                                |
| Indoor Noise Level-Quiet                     | dB(A)            | 22                             | 28                             | 29                                  | 22                             | 28                             | 30                                  |
| Connection Pipe (Gas / Liquid)               | mm               | 9.52 / 6.35                    | 12.70 / 6.35                   | 12.70 / 6.35                        | 9.52 / 6.35                    | 12.70 / 6.35                   | 12.70 / 6.35                        |
| Pipe Length Min-Max (Precharged)             | m                | 3-20 (10)                      | 3-20 (10)                      | 3-25 (15)                           | 3-20 (10)                      | 3-20 (10)                      | 3-25 (15)                           |
| Max Height Difference                        | m                | 15                             | 15                             | 20                                  | 15                             | 15                             | 20                                  |
| Ambient Operating Temperature Range          | °C               | 18°C ~ 55°C                    | 18°C ~ 55°C                    | 18°C ~ 55°C                         | 18°C ~ 55°C                    | 18°C ~ 55°C                    | 18°C ~ 55°C                         |
| Operating Voltage Range                      | V                | 155V ~ 280V                    | 155V ~ 280V                    | 155V ~ 265V                         | 155V ~ 280V                    | 155V ~ 280V                    | 155V ~ 265V                         |
| Refrigerant Type                             | Non-CFC          | R32                            | R32                            | R32                                 | R32                            | R32                            | R32                                 |
| Compressor Type                              | -                | Advanced Hyper Tropical Rotary | Advanced Hyper Tropical Rotary | Advanced Hyper Tropical Twin Rotary | Advanced Hyper Tropical Rotary | Advanced Hyper Tropical Rotary | Advanced Hyper Tropical Twin Rotary |
| Evaporator & Condenser Material              | -                | Copper                         | Copper                         | Copper                              | Copper                         | Copper                         | Copper                              |

\*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. Pipe length : 5.0 m Voltage : 230 [V]. Piping can be extended to above length for full efficiency with additional charge of gas as per installation manual. The noise level is the value when measured in an anechoic room.

## INSTALLATION CHECK POINTS

| Unit Capacity                                       | 1.0-Ton  | 1.0-Ton      | 1.5-Ton      | 1.5-Ton      | 2.0-Ton      | 2.0-Ton      |      |
|---|--|--------------|--------------|--------------|--------------|--------------|------|
| Model No.   | ASGG12CPTB-B   | ASGG12CPAA-B | ASGG18CPTB-B | ASGG18CPAA-B | ASGG24CPTB-B | ASGG24CPAA-B |      |
| Check for Main Power Supply                         | OUTDOOR UNIT   |              |              |              |              |              |      |
|   | Main Power Source P & N                                  |              |              |              |              |              |      |
|   | 230 Volts / 50Hz / 1 Phase                               |              |              |              |              |              |      |
|   | Proper Earthing  |              |              |              |              |              |      |
|   | Mandatory  |              |              |              |              |              |      |
| ODU to IDU Wiring                                   | Main Power N & E   |              |              |              |              |              |      |
|   | ± 3 Volts  |              |              |              |              |              |      |
|   | Resistance (To be measured with ground test meter)       |              |              |              |              |              |      |
|   | <25 Ohms   |              |              |              |              |              |      |
|   | Maximum Operating Current in A <sup>1</sup>              |              |              |              |              |              |      |
| Piping Size & Thickness                             | 6.5  | 7.0          | 9.5          | 9.5          | 13.5         | 13.5         |      |
|   | Starting Current in A                                    | 5.7          | 5.7          | 8.5          | 8.5          | 10.6         | 10.6 |
|   | Connection Cord ODU to IDU in mm <sup>2</sup>            | 1.5          | 1.5          | 1.5          | 1.5          | 1.5          | 1.5  |
|   | No. of Cores - ODU to IDU                                | 4            | 4            | 4            | 4            | 4            | 4    |
|   | Power Cable in mm <sup>2</sup>                           | 1.5          | 1.5          | 1.5          | 1.5          | 1.5          | 1.5  |
|   | No of Cores - Power Supply                               | 3            | 3            | 3            | 3            | 3            | 3    |
|   | Connection cable limited wiring length in m <sup>2</sup> | 21           | 21           | 21           | 21           | 26           | 26   |
| Pipe Limitation & Additional Refrigerant Charge     | Circuit Breaker Current in A                             | 15           | 15           | 15           | 15           | 15           |      |
|   | Type of Gas  | R32          | R32          | R32          | R32          | R32          |      |
|   | Copper Pipe Thickness in mm                              | 0.8          | 0.8          | 0.8          | 0.8          | 0.8          |      |
|   | Pipe size-Liquid in mm                                   | Ø 6.35       | Ø 6.35       | Ø 6.35       | Ø 6.35       | Ø 6.35       |      |
|   | Pipe size-Suction in mm                                  | Ø 9.52       | Ø 9.52       | Ø 12.70      | Ø 12.70      | Ø 12.70      |      |
|   | Minimum Pipe Length in m                                 | 3            | 3            | 3            | 3            | 3            |      |
| NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM. | Maximum Pipe Length in m                                 | 20           | 20           | 20           | 20           | 25           |      |
|   | Maximum Height Difference in m                           | 15           | 15           | 15           | 15           | 20           |      |
|   | Pre-Charged Refrigerant in g                             | 500          | 450          | 550          | 550          | 1020         |      |
|   | Standard Refrigerant Pre-Charged in m                    | 10           | 10           | 10           | 10           | 15           |      |
|   | Additional Charge in g/m                                 | 20           | 20           | 20           | 20           | 20           |      |

# Information is subject to change without prior notice.  
\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.  
\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.

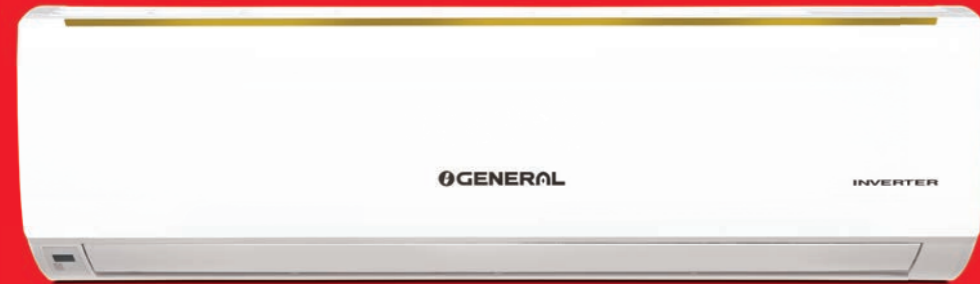
# TROPICAL INVERTER



ASGA12CLWA-B



ASGA18CLWA-B



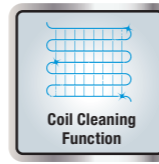
ASGA22CLWA-B

## CLW Series

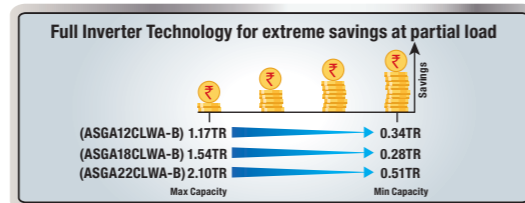
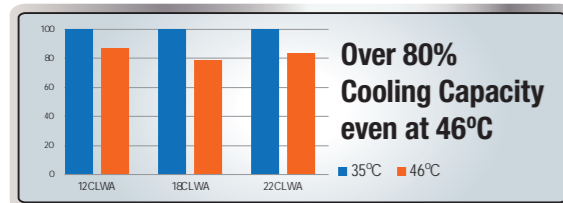
Star Rating:



Model Number: ASGA12CLWA-B ASGA18CLWA-B ASGA22CLWA-B



Wireless Remote



## TECHNICAL SPECIFICATIONS

| PARAMETERS                                   | IDU Model Number  | ASGA12CLWA-B      | ASGA18CLWA-B      | ASGA22CLWA-B         |
|--|-------------------|-------------------|-------------------|----------------------|
|  | ODU Model Number  | AOGA12CLWA-B      | AOGA18CLWA-B      | AOGA22CLWA-B         |
| BEE Star Rating                              | -                 | 3                 | 3                 | 3                    |
| Tonnage (Min-Max Cooling Capacity)           | TR                | 1.0 (0.34-1.17)   | 1.5 (0.28-1.54)   | 1.8 (0.51-2.10)      |
| Power Supply                                 | Ph-Hz-V           | 1φ-50-230         |                   |                      |
| Running Current                              | A                 | 5.2               | 7.3               | 8.5                  |
| Standard Cooling at 100% Capacity (Min-Max)  | W                 | 3,550 (1200-4100) | 5,100 (1000-5400) | 6,450 (1800-7400)    |
| Standard Cooling at 50% Capacity             | W                 | 1,710             | 2,550             | 3,250                |
| Power Consumption at 100% Capacity (Min-Max) | W                 | 1,140 (280-1500)  | 1,680 (280-1800)  | 1,920 (450-2350)     |
| Power Consumption at 50% Capacity            | W                 | 397               | 575               | 730                  |
| EER at 100% Capacity                         | W/W               | 3.11              | 3.04              | 3.36                 |
| EER at 50% Capacity                          | W/W               | 4.31              | 4.43              | 4.45                 |
| Rated ISEER                                  | kWh/kWh           | 3.99              | 3.99              | 4.19                 |
| Electricity Consumption per Annum            | kWh               | 689               | 989               | 1191                 |
| Moisture Removal                             | l/h               | 1.6               | 1.8               | 2.0                  |
| Indoor Fan Speed Control Levels              | -                 | 4                 | 4                 | 4                    |
| Indoor Airflow Volume-Powerful               | m <sup>3</sup> /h | 550               | 850               | 1250                 |
| Indoor Airflow Distance                      | m                 | 10                | 15                | 15                   |
| Indoor Unit Dimensions HxWxD                 | mm                | 275X790X200       | 300X970X224       | 325X1,078X246        |
| Indoor Unit Net Weight                       | kg                | 9.0               | 13.5              | 17.0                 |
| Outdoor Unit Dimensions HxWxD                | mm                | 555X732X330       | 555X732X330       | 555X873X376          |
| Outdoor Unit Net Weight                      | kg                | 23.0              | 24.0              | 33.5                 |
| Indoor Noise Level-Low                       | dB(A)             | 26                | 33                | 37                   |
| Connection Pipe (Gas / Liquid)               | mm                | 9.52 / 6.35       | 12.70 / 6.35      | 15.88 / 6.35         |
| Pipe Length Min-Max (Precharged)             | m                 | 3-20 (5)          | 3-25 (5)          | 3-25 (5)             |
| Max Height Difference                        | m                 | 10                | 10                | 10                   |
| Ambient Operating Temperature Range          | °C                | 18°C ~ 50°C       | 18°C ~ 50°C       | 18°C ~ 50°C          |
| Operating Voltage Range                      | V                 | 185V ~ 264V       | 185V ~ 264V       | 185V ~ 264V          |
| Refrigerant Type                             | Non-CFC           | R32               | R32               | R32                  |
| Compressor Type                              | -                 | Tropical Rotary   | Tropical Rotary   | Tropical Twin Rotary |
| Evaporator & Condenser Coil Material         | -                 | Copper            | Copper            | Copper               |

\*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. Pipe length : 5.0 m Voltage : 230 [V]. Piping can be extended to above length for full efficiency with additional charge of gas as per installation manual. The noise level is the value when measured in an anechoic room.

## INSTALLATION CHECK POINTS#

| Unit Capacity                                   |  | 1.0-Ton                 | 1.5-Ton      | 1.8-Ton      |
|---|--|-------------------------|--------------|--------------|
| Model No.                                       |  | ASGA12CLWA-B            | ASGA18CLWA-B | ASGA22CLWA-B |
| Check for Main Power Supply                     | Main Power Supply at                               | Indoor Unit             |              |              |
|   | Main Power Source P & N                            | 230 Volts/50Hz/ 1 Phase |              |              |
|   | Proper Earthing                                    | Mandatory               |              |              |
|   | Main Power N & E                                   | ± 3 Volts               |              |              |
| ODU to IDU Wiring                               | Resistance (To be measured with ground test meter) | <25 Ohms                |              |              |
|   | Maximum Operating Current in A *1                  | 7                       | 7.3          | 10.5         |
|   | Starting Current in A                              | 5.2                     | 7.3          | 8.5          |
|   | Connection Cord ODU to IDU in mm <sup>2</sup>      | 1.5                     | 1.5          | 1.5          |
|   | No. of Cores - ODU to IDU                          | 4                       | 4            | 4            |
|   | Power Cable in mm <sup>2</sup>                     | 1.5                     | 1.5          | 1.5          |
|   | No of Cores - Power Supply                         | 3                       | 3            | 3            |
| Piping Size & Thickness                         | Connection cable limited wiring length in m *2     | 21                      | 26           | 26           |
|   | Circuit Breaker Current in A                       | 15                      | 15           | 15           |
|   | Type of Gas  | R32                     | R32          | R32          |
|   | Copper Pipe Thickness in mm                        | 0.8                     | 0.8          | 1.0          |
| Pipe Limitation & Additional Refrigerant Charge | Pipe size-Liquid in mm                             | Ø 6.35                  | Ø 6.35       | Ø 6.35       |
|   | Pipe size-Suction in mm                            | Ø 9.52                  | Ø 12.70      | Ø 15.88      |
|   | Minimum Pipe Length in m                           | 3                       | 3            | 3            |
|   | Maximum Pipe Length in m                           | 20                      | 25           | 25           |
|   | Maximum Height Difference in m                     | 10                      | 10           | 10           |
|   | Pre-Charged Refrigerant in g                       | 380                     | 680          | 900          |
| Additional Refrigerant Charge                   | Standard Refrigerant Pre-Charged in m              | 5                       | 5            | 5            |
|   | Additional Charge in g/m                           |                         |              |              |

NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.

# Information is subject to change without prior notice

\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.

\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.

# EFFICIENT & TROPICAL INVERTER - HOT & COLD



ASGG18KJTA-B  
ASGG24KJTA-B



ASGG30KJTA-B

## KJT Series

Star Rating:



Model Number: ASGG18KJTA-B

ASGG24KJTA-B

ASGG30KJTA-B



**Advanced Hyper Tropical Product Design**

**Coanda Airflow (30)**

**Wide Voltage Range 155V ~ 265V**

**5 Star Rating (18/24)**

**PM 2.5 Filter**

**10°C Heat Operation**

**0.5°C Precision Temperature Control**

**Backlit Remote**

**Energy Saving With Human Sensor**

**Double Swing Automatic-3D Airflow**

**Silicon Coated PCB for Long Life**

**High Voltage Protection 700V (18/24)**

**5 Speed Fan Control**

**Self Diagnosis**

**Wireless LAN (Optional)**

**10 YEAR WARRANTY**

**5 YEAR WARRANTY**

**3 METRES PIPING KIT INCLUDED**

| Model  | Cooling Capacity (%) |
|--------|----------------------|
| 18KJTA | ~85%                 |
| 24KJTA | ~85%                 |
| 30KJTA | ~85%                 |

| Model                 | Max Capacity | Min Capacity |
|-----------------------|--------------|--------------|
| (ASGG18KJTA-B) 1.65TR | → 0.38TR     |              |
| (ASGG24KJTA-B) 2.20TR | → 0.50TR     |              |
| (ASGG30KJTA-B) 2.57TR | → 0.82TR     |              |

Wireless Remote

Wired Remote for Group Controller (Optional)

## TECHNICAL SPECIFICATIONS

| PARAMETERS   |         | IDU Model Number | ASGG18KJTA-B                   | ASGG24KJTA-B                        | ASGG30KJTA-B                        |
|--|---------|------------------|--------------------------------|-------------------------------------|-------------------------------------|
|  |         | ODU Model Number | AOGG18KJTA-B                   | AOGG24KJTA-B                        | AOGG30KJTA-B                        |
| BEE Star Rating                                      | Cooling | -                | 5                              | 4                                   | 4                                   |
| Tonnage (Min-Max Capacity)                           | Cooling | TR               | 1.5 (0.38-1.65)                | 2.0 (0.82-2.20)                     | 2.3 (0.82-2.57)                     |
|  | Heating |                  | 1.5 (0.38-1.85)                | 2.0 (0.50-2.42)                     | 2.5 (0.88-2.90)                     |
| Power Supply   |         | Ph-Hz-V          | 10-50-230                      |                                     |                                     |
| Running Current                                      | Cooling | A                | 6.5                            | 9.6                                 | 11.2                                |
|  | Heating |                  | 6.1                            | 7.9                                 | 10.2                                |
| Standard Cooling at 100% Capacity (Min-Max)          |         | W                | 5,280 (1320-5810)              | 7,040 (1760-7740)                   | 8,800 (2870-9030)                   |
| Standard Cooling at 50% Capacity                     |         | W                | 2,640                          | 3,520                               | 4,105                               |
| Standard Heating at 100% Capacity (Min-Max)          |         | W                | 5,280 (1320-6510)              | 7,040 (1760-8500)                   | 8,210 (3080-10200)                  |
| Power Consumption at 100% Cooling Capacity (Min-Max) |         | W                | 1,410 (150-1670)               | 2,160 (340-2820)                    | 2,520 (600-3400)                    |
| Power Consumption at 50% Cooling Capacity            |         | W                | 450                            | 670                                 | 820                                 |
| Power Consumption at 100% Heating Capacity (Min-Max) |         | W                | 1,280 (130-1880)               | 1,770 (380-2500)                    | 2,320 (650-3300)                    |
| EER at 100% Capacity                                 | Cooling | W/W              | 3.74                           | 3.26                                | 3.26                                |
| EER at 50% Capacity                                  | Cooling | W/W              | 5.87                           | 5.25                                | 5.01                                |
| COP  | Heating | W/W              | 4.13                           | 3.98                                | 3.79                                |
| Rated ISEER  | Cooling | -                | 5.11                           | 4.52                                | 4.40                                |
| Electricity Consumption per Annum                    | Cooling | kWh              | 799                            | 1206                                | 1444                                |
| Moisture Removal                                     |         | l/h              | 1.6                            | 2.7                                 | 2.8                                 |
| Indoor Fan Speed Control levels                      |         | -                | 5                              | 5                                   | 5                                   |
| Indoor Airflow Volume-High                           | Cooling | m3/h             | 1100                           | 1160                                | 1630                                |
|  | Heating |                  | 910                            | 1160                                | 1630                                |
| Max Indoor Airflow Distance (Cooling)                | Cooling | m                | 15                             | 15                                  | 25                                  |
| Indoor Unit Dimensions HxWxD                         |         | mm               | 280X980X240                    | 280X980X240                         | 340X1150X280                        |
| Indoor Unit Net Weight                               |         | kg               | 12.5                           | 12.5                                | 16                                  |
| Outdoor Unit Dimensions HxWxD                        |         | mm               | 632X799X290                    | 716X820X315                         | 788X940X320                         |
| Outdoor Unit Net Weight                              |         | kg               | 35.0                           | 42.0                                | 53.0                                |
| Indoor Noise Level-Quiet                             | Cooling | dB(A)            | 29                             | 29                                  | 32                                  |
|  | Heating |                  | 29                             | 29                                  | 32                                  |
| Connection Pipe (Gas / Liquid)                       |         | mm               | 12.70 / 6.35                   | 12.70 / 6.35                        | 15.88 / 9.52                        |
| Pipe Length Min-Max (Precharged)                     |         | m                | 3-20 (15)                      | 3-30 (15)                           | 3-50 (20)                           |
| Max Height Difference                                |         | m                | 15                             | 25                                  | 30                                  |
| Ambient Operating Temperature Range                  | Cooling | °C               | 18°C ~ 55°C                    | 18°C ~ 55°C                         | 18°C ~ 55°C                         |
|  | Heating |                  | -15°C ~ 24°C                   | -15°C ~ 24°C                        | -15°C ~ 24°C                        |
| Operating Voltage Range                              |         | V                | 155V ~ 265V                    | 155V ~ 265V                         | 155V ~ 265V                         |
| Refrigerant Type                                     |         | Non-CFC          | R32                            | R32                                 | R32                                 |
| Compressor Type                                      |         | -                | Advanced Hyper Tropical Rotary | Advanced Hyper Tropical Twin Rotary | Advanced Hyper Tropical Twin Rotary |
| Evaporator & Condenser Coil Material                 |         | -                | Copper                         | Copper                              | Copper                              |

\*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. Pipe length : 5.0 m Voltage : 230 [V]. Piping can be extended to above length for full efficiency with additional charge of gas as per installation manual. The noise level is the value when measured in an anechoic room.

## INSTALLATION CHECK POINTS#

| Unit Capacity                                   |  | 1.5-Ton                 | 2.0-Ton      | 2.5-Ton      |
|---|--|-------------------------|--------------|--------------|
| Model No.                                       |  | ASGG18KJTA-B            | ASGG24KJTA-B | ASGG30KJTA-B |
| Check for Main Power Supply                     | Main Power Supply at                               | Outdoor Unit            |              |              |
|   | Main Power Source P & N                            | 230 Volts/50Hz/ 1 Phase |              |              |
|   | Proper Earthing                                    | Mandatory               |              |              |
|   | Main Power N & E                                   | ± 3 Volts               |              |              |
| ODU to IDU Wiring                               | Resistance (To be measured with ground test meter) | <25 Ohms                |              |              |
|   | Maximum Operating Current in A *1                  | 9.7                     | 14.3         | 18.8         |
|   | Starting Current in A                              | 6.5                     | 9.6          | 11.2         |
|   | Connection Cord ODU to IDU in mm2                  | 1.5                     | 1.5          | 1.5          |
|   | No. of Cores - ODU to IDU                          | 4                       | 4            | 4            |
|   | Power Cable in mm2                                 | 1.5                     | 1.5          | 4            |
| Piping Size & Thickness                         | No of Cores - Power Supply                         | 3                       | 3            | 3            |
|   | Connection cable limited wiring length in m *2     | 21                      | 31           | 51           |
|   | Circuit Breaker Current in A                       | 15                      | 20           | 30           |
|   | Type of Gas  | R32                     | R32          | R32          |
| Pipe Limitation & Additional Refrigerant Charge | Copper Pipe Thickness in mm                        | 0.8                     | 0.8          | 1.0          |
|   | Pipe size-Liquid in mm                             | Ø 6.35                  | Ø 6.35       | Ø 9.52       |
|   | Pipe size-Suction in mm                            | Ø 12.70                 | Ø 12.70      | Ø 15.88      |
|   | Minimum Pipe Length in m                           | 3                       | 3            | 3            |
|   | Maximum Pipe Length in m                           | 20                      | 30           | 50           |
|   | Maximum Height Difference in m                     | 15                      | 25           | 30           |
| Pre-Charged Refrigerant in g                    | Pre-Charged Refrigerant in g                       | 1,000                   | 1,500        | 1,700        |
|   | Standard Refrigerant Pre-Charged in m              | 15                      | 15           | 20           |
|   | Additional Charge in g/m                           | 20                      | 20           | 40           |
|   |  |                         |              |              |

NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.

# Information is subject to change without prior notice

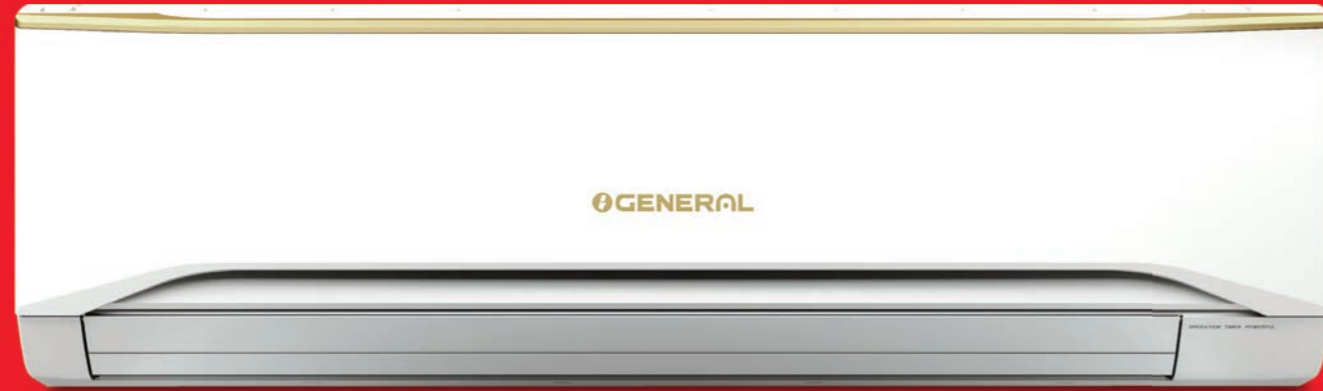
\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.

\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.

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# TROPICAL INNOVATION SPLIT



## TECHNICAL SPECIFICATIONS

| PARAMETERS                           | IDU Model Number  | ASGA18FUTD-B          | ASGA24FUTC-B          | ASGA30FUTD-B          | ASGA36FUTC-B          |
|--------------------------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                      | ODU Model Number  | AOGA18FUTDHB          | AOGA24FUTCHB          | AOGA30FUTDSB          | AOGA36FUTCSB          |
| BEE Star Rating                      | -                 | 2                     | 2                     | 2                     | 2                     |
| Tonnage                              | TR                | 1.5                   | 2.0                   | 2.5                   | 3.0                   |
| Power Supply                         | Ph-Hz-V           | 1φ-50-230             |                       |                       |                       |
| Running Current                      | A                 | 6.9                   | 9.3                   | 10.4                  | 14.4                  |
| Standard Cooling at 100% Capacity    | W                 | 5,470                 | 7,250                 | 8,180                 | 10,580                |
| Power Consumption at 100% Capacity   | W                 | 1,560                 | 2,070                 | 2,340                 | 3,140                 |
| Rated ISEER                          | kWh/kWh           | 3.51                  | 3.50                  | 3.50                  | 3.37                  |
| Electricity Consumption per Annum    | kWh               | 1208                  | 1602                  | 1811                  | NA                    |
| Moisture Removal                     | l/h               | 1.0                   | 2.0                   | 2.5                   | 4.5                   |
| Indoor Fan Speed Control Levels      | -                 | 6                     | 6                     | 6                     | 6                     |
| Indoor Airflow Volume-Powerful       | m <sup>3</sup> /h | 1400                  | 1480                  | 1630                  | 1,630                 |
| Indoor Airflow Distance              | m                 | 18                    | 20                    | 25                    | 25                    |
| Indoor Unit Dimensions HxWxD         | mm                | 340x1150x280          | 340x1150x280          | 340x1150x280          | 340x1150x280          |
| Indoor Unit Net Weight               | kg                | 16.0                  | 17.0                  | 17.0                  | 17.0                  |
| Outdoor Unit Dimensions HxWxD        | mm                | 650x830x320           | 650x830x320           | 914x970x370           | 1290x900x330          |
| Outdoor Unit Net Weight              | kg                | 47.0                  | 52.0                  | 77.0                  | 104.0                 |
| Indoor Noise Level-Quiet             | dB(A)             | 34                    | 36                    | 41                    | 43                    |
| Connection Pipe (Gas / Liquid)       | mm                | 15.88 / 6.35          | 15.88 / 6.35          | 15.88 / 9.52          | 15.88 / 9.52          |
| Pipe Length Min-Max (Precharged)     | m                 | 3-20 (7.5)            | 3-20 (7.5)            | 3-30 (7.5)            | 3-50 (20)             |
| Max Height Difference                | m                 | 8                     | 8                     | 15                    | 30                    |
| Ambient Operating Temperature Range  | °C                | 21°C ~ 52°C           | 21°C ~ 52°C           | 21°C ~ 52°C           | 21°C ~ 52°C           |
| Operating Voltage Range              | V                 | 198V ~ 264V           | 198V ~ 264V           | 198V ~ 264V           | 198V ~ 264V           |
| Refrigerant Type                     | Non-CFC           | R410A                 | R410A                 | R410A                 | R410A                 |
| Compressor Type                      | -                 | Hyper Tropical Rotary | Hyper Tropical Rotary | Hyper Tropical Scroll | Hyper Tropical Scroll |
| Evaporator & Condenser Coil Material | -                 | Copper                | Copper                | Copper                | Copper                |

\*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. Pipe length : 5.0 m Voltage : 230 [V]. Piping can be extended to above length for full efficiency with additional charge of gas as per installation manual. The noise level is the value when measured in an anechoic room.

## FUT Series

Star Rating:

Model Number: ASGA18FUTD-B ASGA24FUTC-B ASGA30FUTD-B ASGA36FUTC-B

Wireless Remote

### Long Reach Airflow

**18m**  
ASGA18FUTD-B  
Air Circulation  
1400 m<sup>3</sup>/hour

**20m**  
ASGA24FUTC-B  
Air Circulation  
1480 m<sup>3</sup>/hour

**25m**  
ASGA30FUTD-B  
ASGA36FUTC-B  
Air Circulation  
1630 m<sup>3</sup>/hour

Dual Suction Intake Design

## INSTALLATION CHECK POINTS

| Unit Capacity                                       | 1.5-Ton  | 2.0-Ton      | 2.5-Ton      | 3.0-Ton      |         |
|---|--|--------------|--------------|--------------|---------|
| Model No  | ASGA18FUTD-B   | ASGA24FUTC-B | ASGA30FUTD-B | ASGA36FUTC-B |         |
| Check for Main Power Supply                         | Main Power Supply at                                     |              |              |              |         |
|   | OUTDOOR UNIT   |              |              |              |         |
|   | Main Power Source P & N                                  |              |              |              |         |
|   | 230 Volts / 50Hz / 1 Phase                               |              |              |              |         |
|   | Proper Earthing  |              |              |              |         |
| ODU to IDU Wiring                                   | Mandatory  |              |              |              |         |
|   | Main Power N & E   |              |              |              |         |
|   | ± 3 Volts  |              |              |              |         |
|   | Resistance (To be measured with ground test meter)       |              |              |              |         |
|   | <25 Ohms   |              |              |              |         |
| Piping Size & Thickness                             | Maximum Operating Current in A <sup>1</sup>              | 10           | 14           | 17           | 24      |
|   | Starting Current in A                                    | 42           | 55           | 60           | 114     |
|   | Connection Cord ODU to IDU in mm <sup>2</sup>            | 1.5—2.5      | 1.5—2.5      | 1.5—2.5      | 1.5—2.5 |
|   | No. of Cores - ODU to IDU                                | 4            | 4            | 4            | 4       |
|   | Power Cable in mm <sup>2</sup>                           | 2.5—3.5      | 2.5—3.5      | 3.5—4.0      | 3.5—4.0 |
|   | No of Cores - Power Supply                               | 3            | 3            | 3            | 3       |
|   | Connection cable limited wiring length in m <sup>2</sup> | 21           | 21           | 31           | 51      |
|   | Circuit Breaker Current in A                             | 20           | 20           | 30           | 30      |
| Pipe Limitation & Additional Refrigerant Charge     | Type of Gas  | R410A        | R410A        | R410A        | R410A   |
|   | Copper Pipe Thickness in mm                              | 0.8          | 0.8          | 1.0          | 1.0     |
|   | Pipe size-Liquid in mm                                   | Ø 6.35       | Ø 6.35       | Ø 9.52       | Ø 9.52  |
|   | Pipe size-Suction in mm                                  | Ø 15.88      | Ø 15.88      | Ø 15.88      | Ø 15.88 |
| NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM. | Minimum Pipe Length in m                                 | 3            | 3            | 3            | 3       |
|   | Maximum Pipe Length in m                                 | 20           | 20           | 30           | 50      |
|   | Maximum Height Difference in m                           | 8            | 8            | 15           | 30      |
|   | Pre-Charged Refrigerant in g                             | 1,200        | 1,600        | 2,450        | 3,500   |
|   | Standard Refrigerant Pre-Charged in m                    | 7.5          | 7.5          | 7.5          | 20      |
|   | Additional Charge in g/m                                 | 20           | 20           | 20           | 40      |

# Information is subject to change without prior notice.  
 \*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.  
 \*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.

# EXTREME COOLING SPLIT



ASGA12BMWB-B



ASGA18BMWA-B

ASGA24BMWA-B

## BMW Series

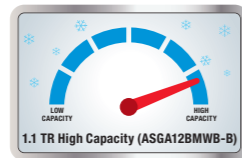
Star Rating:



Model Number: ASGA12BMWB-B

ASGA18BMWA-B

ASGA24BMWA-B



Wireless Remote

\*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 89 for specific modelwise features.

## TECHNICAL SPECIFICATIONS

| PARAMETERS                           | IDU Model Number  | ASGA12BMWB-B    | ASGA18BMWA-B    | ASGA24BMWA-B    |
|--------------------------------------|-------------------|-----------------|-----------------|-----------------|
|                                      | ODU Model Number  | AOGA12BMWB-B    | AOGA18BMWA-B    | AOGA24BMWA-B    |
| BEE Star Rating                      | -                 | 3               | 3               | 3               |
| Tonnage                              | TR                | 1.1             | 1.5             | 2.1             |
| Power Supply                         | Ph-Hz-V           | 1φ-50-230       |                 |                 |
| Running Current                      | A                 | 4.5             | 6.2             | 8.5             |
| Standard Cooling at 100% Capacity    | W                 | 4,000           | 5,300           | 7,350           |
| Power Consumption at 100% Capacity   | W                 | 1,020           | 1,369           | 1,900           |
| Rated ISEER                          | kWh/kWh           | 3.92            | 3.87            | 3.87            |
| Electricity Consumption per Annum    | kWh               | 790             | 1060            | 1471            |
| Moisture Removal                     | l/h               | 1.6             | 1.8             | 2.0             |
| Indoor Fan Speed Control Levels      | -                 | 4               | 4               | 4               |
| Indoor Airflow Volume-High           | m <sup>3</sup> /h | 850             | 1250            | 1,400           |
| Indoor Airflow Distance              | m                 | 10              | 15              | 15              |
| Indoor Unit Dimensions HxWxD         | mm                | 300x970x224     | 325x1078x246    | 325x1078x246    |
| Indoor Unit Net Weight               | kg                | 13.5            | 15.5            | 16.0            |
| Outdoor Unit Dimensions HxWxD        | mm                | 596x848x320     | 596x899x378     | 790x1003x427    |
| Outdoor Unit Net Weight              | kg                | 32.5            | 42.0            | 59.0            |
| Indoor Noise Level-Quiet             | dB(A)             | 33              | 34              | 37              |
| Connection Pipe (Gas / Liquid)       | mm                | 12.70 / 6.35    | 12.70 / 6.35    | 15.88 / 6.35    |
| Pipe Length Min-Max (Precharged)     | m                 | 3-20 (5)        | 3-25 (5)        | 3-25 (5)        |
| Max Height Difference                | m                 | 10              | 10              | 10              |
| Ambient Operating Temperature Range  | °C                | 18°C ~ 50°C     | 18°C ~ 50°C     | 18°C ~ 50°C     |
| Operating Voltage Range              | V                 | 193V ~ 253V     | 193V ~ 253V     | 193V ~ 253V     |
| Refrigerant Type                     | Non-CFC           | R32             | R32             | R32             |
| Compressor Type                      | -                 | Tropical Rotary | Tropical Rotary | Tropical Rotary |
| Evaporator & Condenser Coil Material | -                 | Copper          | Copper          | Copper          |

\*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. Pipe length : 5.0 m Voltage : 230 [V]. Piping can be extended to above length for full efficiency with additional charge of gas as per installation manual. The noise level is the value when measured in an anechoic room.

## INSTALLATION CHECK POINTS

| Unit Capacity  | 1.1-Ton  | 1.5-Ton      | 2.1-Ton      |         |
|--|--|--------------|--------------|---------|
| Model No.  | ASGA12BMWB-B                                       | ASGA18BMWA-B | ASGA24BMWA-B |         |
| Check for Main Power Supply                              | Main Power Supply at                               |              |              |         |
|  | Main Power Source P & N                            |              |              |         |
|  | Proper Earthing                                    |              |              |         |
|  | Main Power N & E                                   |              |              |         |
|  | Resistance (To be measured with ground test meter) |              |              |         |
| ODU to IDU Wiring  | INDOOR UNIT  |              |              |         |
|  | 230 Volts/50Hz/1 Phase                             |              |              |         |
|  | Mandatory  |              |              |         |
|  | ± 3 Volts  |              |              |         |
|  | <25 Ohms   |              |              |         |
|  | Maximum Operating Current in A <sup>1</sup>        | 8            | 12           | 14      |
|  | Starting Current in A                              | NA           | NA           | NA      |
| Connection Cord ODU to IDU in mm <sup>2</sup>            | 1.5—2.5  | 1.5—2.5      | 2.5—3.5      |         |
| No. of Cores - ODU to IDU                                | 3  | 3            | 3            |         |
| Power Cable in mm <sup>2</sup>                           | 2.5—3.5  | 2.5—3.5      | 2.5—3.5      |         |
| No of Cores - Power Supply                               | 3  | 3            | 3            |         |
| Connection cable limited wiring length in m <sup>2</sup> | NA   | NA           | NA           |         |
| Circuit Breaker Current in A                             | 16   | 20           | 20           |         |
| Piping Size & Thickness                                  | Type of Gas  | R32          | R32          | R32     |
|  | Copper Pipe Thickness in mm                        | 0.8          | 0.8          | 1.0     |
|  | Pipe size-Liquid in mm                             | Ø 6.35       | Ø 6.35       | Ø 6.35  |
|  | Pipe size-Suction in mm                            | Ø 12.70      | Ø 12.70      | Ø 15.88 |
| Pipe Limitation & Additional Refrigerant Charge          | Minimum Pipe Length in m                           | 3            | 3            | 3       |
|  | Maximum Pipe Length in m                           | 20           | 25           | 25      |
|  | Maximum Height Difference in m                     | 10           | 10           | 10      |
|  | Pre-Charged Refrigerant in g                       | 780          | 950          | 1,350   |
|  | Standard Refrigerant Pre-Charged in m              | 5            | 5            | 5       |
|  | Additional Charge in g/m                           | 12           | 12           | 12      |

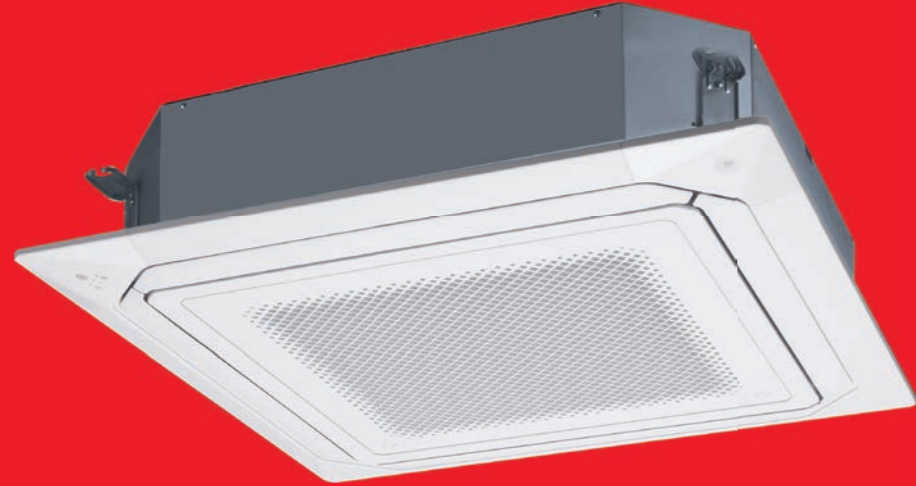
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.

# Information is subject to change without prior notice.

\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.

\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.

# HYPER TROPICAL CASSETTE



## FRT Series

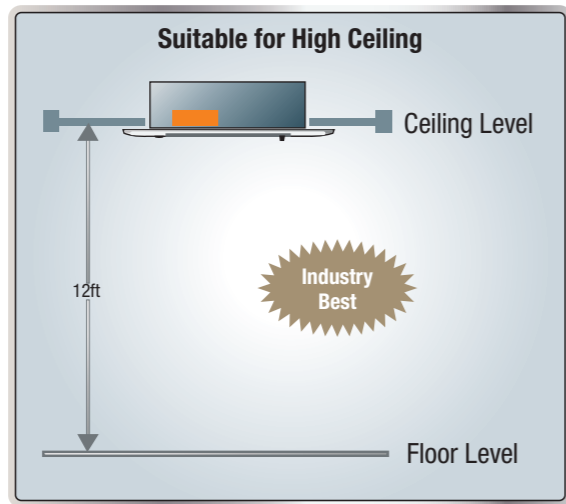
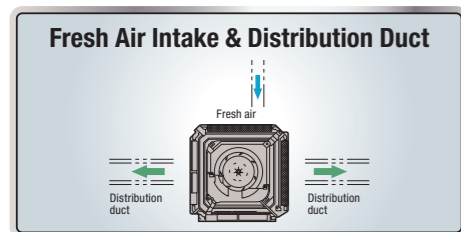
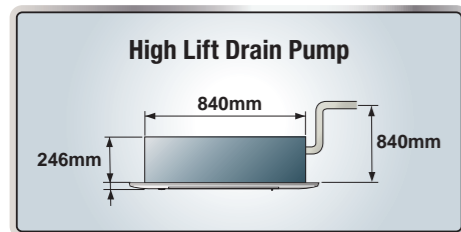
Star Rating:



Model Number: AUGA25FRTA-B



Wireless Remote



## TECHNICAL SPECIFICATIONS

| PARAMETERS                           | IDU Model Number | AUGA25FRTA-B          |
|--------------------------------------|------------------|-----------------------|
|                                      | ODU Model Number | AOGA25FBTBHB          |
| BEE Star Rating                      | -                | 2                     |
| Tonnage                              | TR               | 1.9                   |
| Power Supply                         | Ph-Hz-V          | 1 -50-230             |
| Running Current                      | A                | 8.5                   |
| Standard Cooling at 100% Capacity    | W                | 6,680                 |
| Power Consumption at 100% Capacity   | W                | 1,850                 |
| Rated ISEER                          | kWh/kWh          | 3.61                  |
| Electricity Consumption per Annum    | kWh              | 1432                  |
| Moisture Removal                     | l/h              | 2.3                   |
| Indoor Fan Speed Control Levels      | -                | 4                     |
| Indoor Airflow Volume-High           | m3/h             | 1150                  |
| Indoor Unit Dimensions HxWxD         | mm               | 246x840x840           |
| Indoor Unit Net Weight               | kg               | 24.0                  |
| Grille Dimensions HxWxD              | mm               | 53x950x950            |
| Outdoor Unit Dimensions HxWxD        | mm               | 830x900x330           |
| Outdoor Unit Net Weight              | kg               | 63.0                  |
| Connection Pipe (Gas / Liquid)       | mm               | 15.88 / 6.35          |
| Pipe Length Min-Max (Precharged)     | m                | 3-25 (7.5)            |
| Max Height Difference                | m                | 15                    |
| Ambient Operating Temperature Range  | °C               | 21°C ~ 52°C           |
| Operating Voltage Range              | V                | 198V ~ 264V           |
| Refrigerant Type                     | Non-CFC          | R410A                 |
| Compressor Type                      | -                | Hyper Tropical Rotary |
| Evaporator & Condenser Coil Material | -                | Copper                |

\*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. Pipe length : 5.0 m Voltage : 230 [V]. Piping can be extended to above length for full efficiency with additional charge of gas as per installation manual. The noise level is the value when measured in an anechoic room.

## INSTALLATION CHECK POINTS

| Unit Capacity                                   | 1.9-Ton  |                            |
|---|--|----------------------------|
| Model No.                                       | AUGA25FRTA-B   |                            |
| Check for Main Power Supply                     | Main Power Supply at                                     | OUTDOOR UNIT               |
|   | Main Power Source P & N                                  | 230 Volts / 50Hz / 1 Phase |
|   | Proper Earthing  | Mandatory                  |
|   | Main Power N & E   | ± 3 Volts                  |
| ODU to IDU Wiring                               | Resistance (To be measured with ground test meter)       | <25 Ohms                   |
|   | Maximum Operating Current in A <sup>#1</sup>             | 16.5                       |
|   | Starting Current in A                                    | 55                         |
|   | Connection Cord ODU to IDU in mm <sup>2</sup>            | 1.5—2.5                    |
|   | No. of Cores - ODU to IDU                                | 4                          |
|   | Power Cable in mm <sup>2</sup>                           | 2.5—3.5                    |
|   | No of Cores - Power Supply                               | 3                          |
|   | Connection cable limited wiring length in m <sup>2</sup> | 26                         |
| Piping Size & Thickness                         | Circuit Breaker Current in A                             | 30                         |
|   | Type of Gas  | R410A                      |
|   | Copper Pipe Thickness in mm                              | 1.0                        |
| Pipe Limitation & Additional Refrigerant Charge | Pipe size-Liquid in mm                                   | Ø 6.35                     |
|   | Pipe size-Suction in mm                                  | Ø 15.88                    |
|   | Minimum Pipe Length in m                                 | 3                          |
|   | Maximum Pipe Length in m                                 | 25                         |
|   | Maximum Height Difference in m                           | 15                         |
|   | Pre-Charged Refrigerant in g                             | 1,800                      |
| Standard Refrigerant Pre-Charged in m           | 7.5  |                            |
| Additional Charge in g/m                        | 20   |                            |

NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.

# Information is subject to change without prior notice.

\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.

\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.

# EFFICIENT & TROPICAL WINDOW



AMGB09BAWA-B



AFGB12BAWA-B



AXGB18BAWA-B

AXGB24BAWA-B

## TECHNICAL SPECIFICATIONS

| PARAMETERS                          | Model Number      | AMGB09BAWA-B    | AFGB12BAWA-B    | AXGB18BAWA-B    | AXGB24BAWA-B    |
|-------------------------------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| BEE Star Rating                     | -                 | 4               | 4               | 4               | 3               |
| Tonnage                             | TR                | 0.8             | 1.1             | 1.5             | 1.7             |
| Power Supply                        | Ph-Hz-V           | 1φ-50-230       | 1φ-50-230       | 1φ-50-230       | 1φ-50-230       |
| Running Current                     | A                 | 3.7             | 5.3             | 7               | 8.3             |
| Standard Cooling at 100% Capacity   | W                 | 2,820           | 3,960           | 5,300           | 6,050           |
| Power Consumption at 100% Capacity  | W                 | 840             | 1,197           | 1,600           | 1,905           |
| Rated ISEER                         | kWh/kWh           | 3.36            | 3.31            | 3.31            | 3.18            |
| Electricity Consumption per Annum   | kWh               | 650             | 927             | 1239            | 1475            |
| Moisture Removal                    | l/h               | 1.0             | 1.5             | 2.2             | 2.2             |
| Indoor Airflow Volume-High          | m <sup>3</sup> /h | 480             | 640             | 780             | 860             |
| Unit Dimensions HxWxD               | mm                | 375x560x668     | 428x660x700     | 428x660x770     | 428x660x770     |
| Unit Net Weight                     | kg                | 38.5            | 48.0            | 58.0            | 61.0            |
| Indoor Noise Level-Low              | dB(A)             | 47              | 46              | 51              | 51              |
| Ambient Operating Temperature Range | °C                | 18°C ~ 50°C     | 18°C ~ 50°C     | 18°C ~ 50°C     | 18°C ~ 50°C     |
| Operating Voltage Range             | V                 | 193V ~ 253V     | 193V ~ 253V     | 193V ~ 253V     | 193V ~ 253V     |
| Refrigerant Type                    | Non-CFC           | R32             | R32             | R32             | R32             |
| Compressor Type                     | -                 | Tropical Rotary | Tropical Rotary | Tropical Rotary | Tropical Rotary |
| Condenser Coil Material             | -                 | Copper          | Copper          | Copper          | Copper          |

\*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. Pipe length : 5.0 m Voltage : 230 [V]. The noise level is the value when measured in an anechoic room.

## BAW Series

Star Rating:

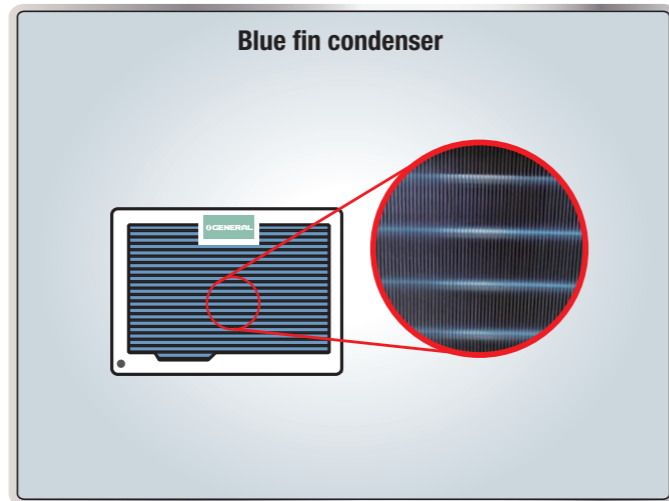
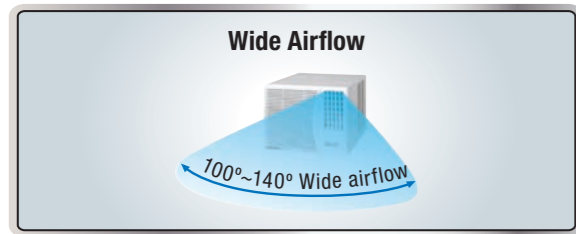


Model Number: AMGB09BAWA-B

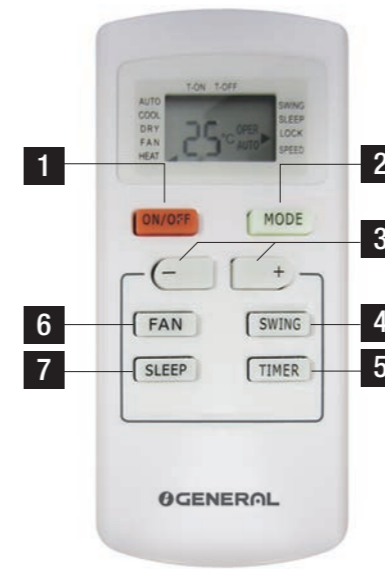
AFGB12BAWA-B

AXGB18BAWA-B

AXGB24BAWA-B



## REMOTE CONTROLLER FEATURES



- 1 START/STOP BUTTON
- 2 MODE BUTTON
- 3 +/- BUTTON
- 4 SWING BUTTON
- 5 TIMER BUTTON
- 6 FAN BUTTON
- 7 SLEEP BUTTON

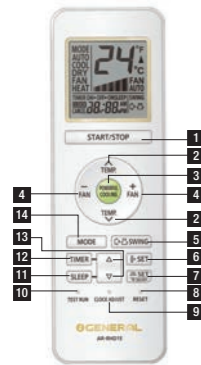
\*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 91 for specific modelwise features.



# FEATURE PACKED WIRELESS REMOTE CONTROLLERS

## Inverter Split Air Conditioners

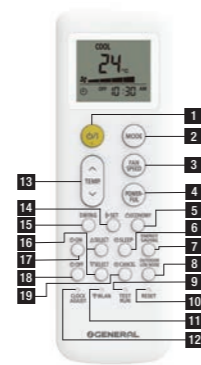
### TROPICAL INNOVATION INVERTER



(ASGG18/24/30/36CETA-B)

- 1 START/STOP BUTTON
- 2 TEMPERATURE BUTTONS
- 3 POWERFUL COOLING BUTTON
- 4 FAN SPEED BUTTONS
- 5 SWING BUTTON
- 6 SET BUTTON (VERTICAL)
- 7 SET BUTTON (HORIZONTAL) / WLAN (ON/OFF)
- 8 RESET BUTTON
- 9 CLOCK ADJUST BUTTON
- 10 TEST RUN BUTTON
- 11 SLEEP BUTTON
- 12 TIMER BUTTON
- 13 TIMER SET (- / +) BUTTONS
- 14 MODE BUTTON

### EFFICIENT & TROPICAL INVERTER

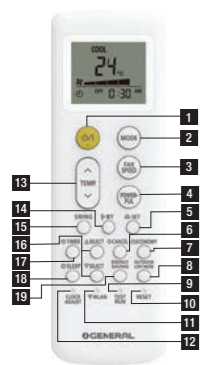


(ASGG12CGTB-B)

- 1 START/STOP BUTTON
- 2 MODE BUTTON
- 3 FAN SPEED BUTTON
- 4 POWERFUL COOLING BUTTON
- 5 ECONOMY BUTTON
- 6 SLEEP BUTTON
- 7 ENERGY SAVING BUTTON
- 8 OUTDOOR LOW NOISE BUTTON
- 9 TEST RUN BUTTON
- 10 RESET BUTTON
- 11 WLAN BUTTON
- 12 CLOCK ADJUST BUTTON
- 13 TEMPERATURE BUTTONS
- 14 SET BUTTON (VERTICAL)
- 15 SWING BUTTON
- 16 SELECT (UP/DOWN) BUTTONS
- 17 TIMER ON BUTTON
- 18 TIMER OFF BUTTON
- 19 CANCEL BUTTON



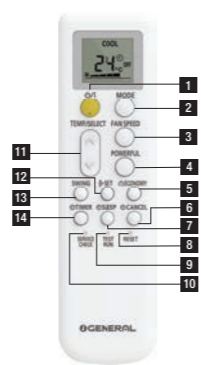
### EFFICIENT & TROPICAL INVERTER



(ASGG18/24CGTB-B)

- 1 START/STOP BUTTON
- 2 MODE BUTTON
- 3 FAN SPEED BUTTON
- 4 POWERFUL COOLING BUTTON
- 5 SET BUTTON (HORIZONTAL)
- 6 CANCEL BUTTON
- 7 ECONOMY BUTTON
- 8 OUTDOOR LOW NOISE BUTTON
- 9 TEST RUN BUTTON
- 10 RESET BUTTON
- 11 WLAN BUTTON
- 12 CLOCK ADJUST BUTTON
- 13 TEMPERATURE BUTTONS
- 14 SET BUTTON (VERTICAL)
- 15 SWING BUTTON
- 16 SELECT (UP/DOWN) BUTTONS
- 17 TIMER BUTTON
- 18 SLEEP BUTTON
- 19 ENERGY SAVING BUTTON

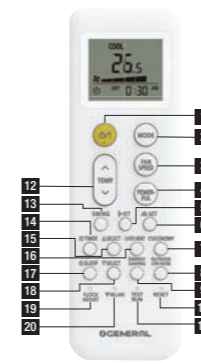
### TROPICAL INVERTER



(ASGG12/18CPTB-B)  
(ASGG12/18CPAA-B)

- 1 START/STOP BUTTON
- 2 MODE BUTTON
- 3 FAN SPEED BUTTON
- 4 POWERFUL COOLING BUTTON
- 5 ECONOMY BUTTON
- 6 CANCEL BUTTON
- 7 SLEEP BUTTON
- 8 RESET BUTTON
- 9 TEST RUN BUTTON
- 10 SERVICE CHECK BUTTON
- 11 TEMPERATURE/SELECT BUTTONS
- 12 SET BUTTON (VERTICAL)
- 13 SWING BUTTON
- 14 TIMER BUTTON

### EFFICIENT & TROPICAL INVERTER - HOT & COLD

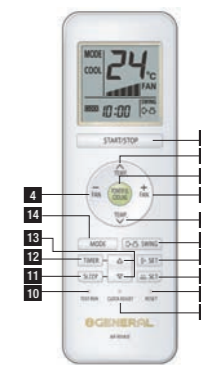


(ASGG18/24/30KJTA-B)

- 1 START/STOP BUTTON
- 2 MODE BUTTON
- 3 FAN SPEED BUTTON
- 4 POWERFUL COOLING BUTTON
- 5 SET BUTTON (VERTICAL)
- 6 SET BUTTON (HORIZONTAL)
- 7 ECONOMY BUTTON
- 8 OUTDOOR LOW NOISE BUTTON
- 9 ENERGY SAVING BUTTON
- 10 RESET BUTTON
- 11 TEST RUN BUTTON
- 12 TEMPERATURE BUTTONS
- 13 SWING BUTTON
- 14 TIMER ON BUTTON
- 15 SELECT UP BUTTON
- 16 10°C HEAT BUTTON
- 17 SLEEP BUTTON
- 18 SELECT DOWN BUTTON
- 19 CLOCK ADJUST BUTTON
- 20 WLAN BUTTON

## Fixed Speed Split Air Conditioners

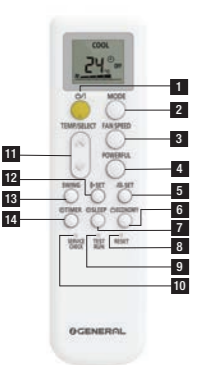
### TROPICAL INNOVATION SPLIT



(ASGA18/30FUTD-B)  
(ASGA24/36FUTC-B)

- 1 START/STOP BUTTON
- 2 TEMPERATURE BUTTONS
- 3 POWERFUL COOLING BUTTON
- 4 FAN SPEED BUTTONS
- 5 SWING BUTTON
- 6 SET BUTTON (VERTICAL)
- 7 SET BUTTON (HORIZONTAL)
- 8 RESET BUTTON
- 9 CLOCK ADJUST BUTTON
- 10 TEST RUN BUTTON
- 11 SLEEP BUTTON
- 12 TIMER BUTTON
- 13 TIMER SET (- / +) BUTTON
- 14 MODE BUTTON

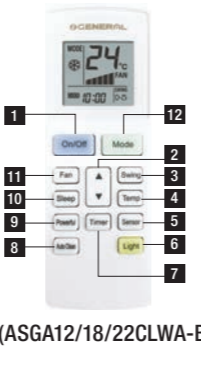
### TROPICAL INVERTER



(ASGG24CPTB-B)  
(ASGG24CPAA-B)

- 1 START/STOP BUTTON
- 2 MODE BUTTON
- 3 FAN SPEED BUTTON
- 4 POWERFUL COOLING BUTTON
- 5 SET BUTTON (HORIZONTAL)
- 6 ECONOMY BUTTON
- 7 SLEEP BUTTON
- 8 RESET BUTTON
- 9 TEST RUN BUTTON
- 10 SERVICE CHECK BUTTON
- 11 TEMPERATURE/SELECT BUTTONS
- 12 SET BUTTON (VERTICAL)
- 13 SWING BUTTON
- 14 TIMER BUTTON

### TROPICAL INVERTER

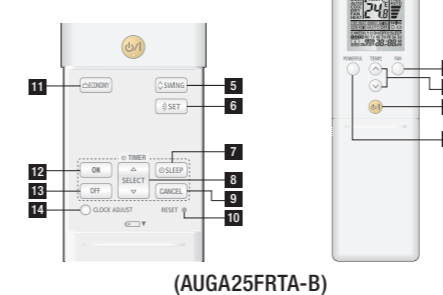


(ASGA12/18/22CLWA-B)

- 1 START/STOP BUTTON
- 2 SELECT (+ / -) BUTTONS
- 3 SWING BUTTON
- 4 TEMPERATURE BUTTON
- 5 SENSOR FUNCTION BUTTON
- 6 LIGHT BUTTON
- 7 TIMER BUTTON
- 8 AUTO CLEAN BUTTON
- 9 POWERFUL COOLING BUTTON
- 10 SLEEP BUTTON
- 11 FAN BUTTON
- 12 MODE BUTTON

## Fixed Speed Cassette Air Conditioners

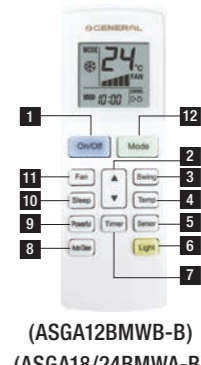
### HYPER TROPICAL CASSETTE



(AUGA25FRTA-B)

- 1 START/STOP BUTTON
- 2 TEMPERATURE BUTTONS
- 3 FAN SPEED BUTTON
- 4 POWERFUL COOLING BUTTON
- 5 SWING BUTTON
- 6 SET BUTTON (VERTICAL)
- 7 SLEEP BUTTON
- 8 TIMER SET (- / +) BUTTONS
- 9 CANCEL BUTTON
- 10 RESET BUTTON
- 11 ECONOMY BUTTON
- 12 TIMER ON BUTTON
- 13 TIMER OFF BUTTON
- 14 CLOCK ADJUST BUTTON

### EXTREME COOLING SPLIT




(ASGA12BMWB-B)  
(ASGA18/24BMWA-B)


- 1 START/STOP BUTTON
- 2 SELECT (+ / -) BUTTONS
- 3 SWING BUTTON
- 4 TEMPERATURE BUTTON
- 5 SENSOR FUNCTION BUTTON
- 6 LIGHT BUTTON
- 7 TIMER BUTTON
- 8 AUTO CLEAN BUTTON
- 9 POWERFUL COOLING BUTTON
- 10 SLEEP BUTTON
- 11 FAN BUTTON
- 12 MODE BUTTON

# FEATURE EXPLANATION


 **Condenser Protection Grill**  
Protects the condenser from damage


 **Wireless Remote Controller**  
For ease of operation.


 **360° Turbo Flow**  
All round airflow in 360° direction.


 **6 Row Coil**  
Enables faster and efficient cooling.


 **Filter Sign**  
Indicates the filter cleaning period by lamp.

 **Connectable Distributing Duct**  
Can make extension of supply air.


 **Weekly Timer**  
Different ON-OFF times can be set for each day.


 **Self Diagnosis**  
Enables automatic detection of errors in the unit for easy trouble shooting.

 **Washable Panel**  
Since the front panel is easy to remove, maintenance is also easy.


 **Silicon Coated PCB**  
Silicon coating on PCB protects from dust, water and humidity.

 **Up / Down Swing Flaps**  
The up/down flaps automatically swing up and down.

 **Powder Coated Outdoor Unit**  
Powder coated body ensures extra protection from corrosion.

 **Anti Corrosion Heat Exchanger in IDU**  
Prevents refrigerant leak by coating the heat exchanger with an epoxy resin.


 **Group Control System**  
A number of indoor units can be operated at the same time using a wired remote controller.

 **Wired Remote Controller**  
Programmable wired remote, for ease of operation in busy commercial spaces.


 **Tropical Spec**  
Tropical design for high ambient operation upto 50°C.


 **Hyper Tropical Spec**  
Tropical design for high ambient operation upto 52°C.


 **Advanced Hyper Tropical spec**  
Tropical design for high ambient operation upto 55°C.


 **Rear Cabinet Protection**  
To protect the coil from damages due to sun and sand.


 **Mildew Resistant Filter**  
Prevents mold formation.


 **Connectable Fresh Air Duct**  
Fresh air can be introduced into the configuration by means of a duct.


 **Left / Right Swing Flaps**  
The left / right flaps automatically swing left and right.


 **Fresh Air Intake**  
Fresh air can be taken in by a fan which can be connected using an external control unit.

 **Compressor Insulation Jacket**  
Sound insulation jacket and rubber mounting on compressor, reduces the noise.


 **Fan speed Control**  
Number of steps of airflow control.

 **Weekly + Setback timer**  
Weekly + Setback timer can set temperature for two time spans and for each day of the week.


 **Power Airflow Dual Flaps**  
Can flatten out during cooling operation to deliver cool air to the corners of the room.


 **Dry Function**  
Automatically reduces the level of humidity and maintains the preset temperature.

 **BLDC Motor Indoor Unit**  
Specially designed Brushless DC motor for smooth & energy efficient operation.


 **Inner Groove Copper Tube**  
IGT copper tube heat exchanger ensures better performance.

 **Catechin Filter**  
The catechin filter uses static electricity to clean fine particles and dust in the air.

 **Program Timer**  
This digital timer allows selection of one of four options: ON, OFF, ON→OFF or OFF→ON.

 **Long Pipe**  
Easy and extended location of indoor unit to outdoor unit with full efficiency.


 **Coanda Airflow technology**  
Cold air is discharged along the ceiling and is delivered far away for long reach and comfortable cooling, avoiding direct air blast on body.


 **Energy Saving mode**  
This mode raises the set temperature slightly in the cooling mode to economically control the operation of the unit.


 **High Voltage Protection**  
Designed to withstand surge voltage and prevents the PCB from breakdown.


 **Human Sensor**  
Human sensor detects movement of people in the room and judges whether energy saving operation is required or not.

 **Wide Angle Louvers**  
Smoothly curved wide angle louvers provide wide airflow coverage for effective cooling independent of indoor unit placement in room.


 **Dual suction Intake Design**  
Warm air is sucked in through dual intakes enabling larger volume of air to be cooled for fast and effective cooling.

 **Economy Mode**  
Limits the maximum operation current, and performs operations with the power consumption suppressed.

 **Quiet Operation**  
High efficiency fan construction and large independently driven diffuser ensures quiet operation.

 **Corrosion Resistant ODU**  
The outdoor unit's heat exchanger fins are processed with special coating to avoid salt and acid corrosion.


 **Integrated ON-OFF Timer**  
ON-OFF or OFF-ON timer can be set to suit your lifestyle.


 **Higher Moisture Removal Rate**  
Reduces humidity in the room by faster removal of moisture.


 **WLAN**  
The exclusive Wireless LAN adaptor (optional accessory) enables to operate the air conditioner by smartphone or tablet PC.


 **Blue Fin Condenser**  
Adoption of strong blue fin hydrophilic coated condenser provides protection against rust and salt damage.


 **AFM Technology**  
Advanced Frequency Modulation Technology provides higher efficiency and better performance of the compressor.


 **PM 2.5 Filter**  
Cleans the air by catching particles as small as 0.3 ~ 2.5 μm.


 **Double Swing Automatic - 3D**  
Enables automatic swing in both horizontal and vertical directions, which enables 30 unique configurations


 **Sensor Function**  
The remote controller automatically adjusts the indoor temperature according to the detected ambient temperature.

 **Auto Restart**  
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.

 **Automatic Airflow Adjustment**  
The micro-computer automatically adjusts the airflow effectively to follow the changes in room temperature.

 **Sleep Timer**  
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.


 **Powerful Mode**  
Opens at maximum fanspeed for 20 minutes for highest air circulation and faster cooling

 **ODU Low Noise Operation**  
Lowers noise from outdoor unit by decreasing rotation speed of compressor and outdoor fan.

 **Super Wave Technology**  
The unique design of the vertical louvers in front will enable the air sweep at wider angle for better distribution.


 **Backlit Remote**  
Backlit display on wireless remote controller enables easy operation in a darkened room.


 **Temperature Display**  
Displays indoor set temperature and indoor ambient temperature on the indoor unit.


 **0.5°C Precision Temperature Control**  
Allows setting desired temperature in increments of 0.5°C for more accurate temperature setting.

 **Blue Fin Evaporator**  
Adoption of strong blue fin hydrophilic coated evaporator provides protection against corrosion.

 **10°C Heat Operation**  
Maintains the room temperature at 10°C, thus preventing the room temperature from dropping too low when not occupied.

 **Coil Cleaning Function**  
Cleans the indoor unit heat exchanger by freezing the outer surface and then melting and flushing out the water along with dust and impurities.

 **Coil Auto Dry Function**  
Indoor fan will operate at low speed for a while after turning off the unit by remote controller to prevent mold formation by drying the indoor unit heat exchanger.

 **Auto Moisture Prevent**  
In Cool / Dry mode if the vertical air direction louvers are operated outside the operating range of (1) - (3) for more than 20 minutes, they will automatically return to the (3) level in order to prevent moisture condensation and water dripping from the air outlet. This can be disabled by following simple steps as mentioned in the operation manual.

| FEATURES                             | INVERTER SPLIT - COOLING |                 |                 |                 |                 |                 |                 |
|--------------------------------------|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                      | ASGG18CETA-B             | ASGG24CETA-B    | ASGG30CETA-B    | ASGG36CETA-B    | ASGG12CGTB-B    | ASGG18CGTB-B    | ASGG24CGTB-B    |
| UP / DOWN LOUVERS                    | o                        | o               | o               | o               | o               | o               | o               |
| LEFT / RIGHT SWING LOUVERS           | o                        | o               | o               | o               | -               | o               | o               |
| DOUBLE SWING AUTOMATIC -3D           | o                        | o               | o               | o               | -               | o               | o               |
| POWER AIRFLOW DUAL LOUVERS           | o                        | o               | o               | o               | SINGLE          | SINGLE          | SINGLE          |
| WIDE ANGLE LOUVERS                   | o                        | o               | o               | o               | o               | o               | o               |
| AUTOMATIC AIRFLOW ADJUSTMENT         | o                        | o               | o               | o               | o               | o               | o               |
| QUIET OPERATION                      | o                        | o               | o               | o               | o               | o               | o               |
| DRY FUNCTION                         | o                        | o               | o               | o               | o               | o               | o               |
| AUTO - MOISTURE PREVENTION           | o                        | o               | o               | o               | o               | o               | o               |
| ENERGY SAVING MODE                   | -                        | -               | -               | -               | o               | o               | o               |
| ADVANCED FREQUENCY MODULATION        | o                        | o               | o               | o               | o               | o               | o               |
| COANDA AIRFLOW                       | o<br>18m                 | o<br>20m        | o<br>25m        | o<br>25m        | o<br>10m        | o<br>15m        | o<br>15m        |
| POWERFUL MODE                        | o                        | o               | o               | o               | o               | o               | o               |
| MILDEW RESISTANT FILTER              | o                        | o               | o               | o               | o               | o               | o               |
| PM 2.5 FILTER                        | o                        | o               | o               | o               | o               | o               | o               |
| COMPRESSOR INSULATION JACKET         | o                        | o               | o               | o               | o               | o               | o               |
| FAN SPEED CONTROL LEVELS             | 6                        | 6               | 6               | 6               | 5               | 5               | 5               |
| WASHABLE PANEL                       | o                        | o               | o               | o               | o               | o               | o               |
| SLEEP TIMER                          | o                        | o               | o               | o               | o               | o               | o               |
| HUMAN SENSOR                         | -                        | -               | -               | -               | o               | o               | o               |
| ECONOMY MODE                         | -                        | -               | -               | -               | o               | o               | o               |
| WIRELESS REMOTE CONTROLLER           | o                        | o               | o               | o               | o               | o               | o               |
| WIRED REMOTE CONTROLLER              | o<br>(Optional)          | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) |
| WLAN                                 | o<br>(Optional)          | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) |
| GROUP CONTROL SYSTEM                 | o<br>(Optional)          | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) |
| BACKLIT REMOTE                       | -                        | -               | -               | -               | o               | o               | o               |
| 0.5°C PRECISION TEMPERATURE CONTROL  | -                        | -               | -               | -               | o               | o               | o               |
| AUTO RESTART                         | o                        | o               | o               | o               | o               | o               | o               |
| LONG PIPE                            | o                        | o               | o               | o               | o               | o               | o               |
| PROGRAM TIMER                        | o                        | o               | o               | o               | o               | o               | o               |
| CORROSION RESISTANT ODU              | o                        | o               | o               | o               | o               | o               | o               |
| ANTI-CORROSION HEAT EXCHANGER IN IDU | o                        | o               | o               | o               | o               | o               | o               |
| POWDER COATED OUTDOOR UNIT           | o                        | o               | o               | o               | o               | o               | o               |
| SILICON COATED PCB                   | o                        | o               | o               | o               | o               | o               | o               |
| HIGH VOLTAGE PROTECTION              | o                        | o               | -               | -               | o               | o               | o               |
| BLUE FIN CONDENSER                   | o                        | o               | o               | o               | o               | o               | o               |
| CONDENSER PROTECTION GRILL           | o                        | o               | o               | o               | o               | o               | o               |
| BLDC MOTOR INDOOR UNIT               | o                        | o               | o               | o               | o               | o               | o               |
| INNER GROOVE COPPER TUBE             | o                        | o               | o               | o               | o               | o               | o               |
| DUAL SUCTION INTAKE DESIGN           | o                        | o               | o               | o               | -               | -               | -               |
| SELF DIAGNOSIS                       | o                        | o               | o               | o               | o               | o               | o               |

| FEATURES                             | INVERTER SPLIT - COOLING |                 |                 |                 |                 |                 |              |              |              |
|--------------------------------------|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|--------------|--------------|
|                                      | ASGG12CPTB-B             | ASGG18CPTB-B    | ASGG24CPTB-B    | ASGG12CPAA-B    | ASGG18CPAA-B    | ASGG24CPAA-B    | ASGA12CLWA-B | ASGA18CLWA-B | ASGA22CLWA-B |
| UP / DOWN LOUVERS                    | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| LEFT / RIGHT SWING LOUVERS           | -                        | -               | o               | -               | -               | o               | -            | -            | -            |
| DOUBLE SWING AUTOMATIC - 3D          | -                        | -               | o               | -               | -               | o               | -            | -            | -            |
| POWER AIRFLOW DUAL LOUVERS           | SINGLE                   | SINGLE          | SINGLE          | SINGLE          | SINGLE          | SINGLE          | SINGLE       | SINGLE       | SINGLE       |
| WIDE ANGLE LOUVERS                   | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| AUTOMATIC AIRFLOW ADJUSTMENT         | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| QUIET OPERATION                      | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| DRY FUNCTION                         | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| AUTO - MOISTURE PREVENTION           | o                        | o               | o               | o               | o               | o               | -            | -            | -            |
| ENERGY SAVING MODE                   | o                        | o               | o               | o               | o               | o               | -            | -            | -            |
| ADVANCED FREQUENCY MODULATION        | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| COANDA AIRFLOW                       | o<br>10m                 | o<br>15m        | o<br>15m        | o<br>10m        | o<br>15m        | o<br>15m        | o<br>10m     | o<br>15m     | o<br>15m     |
| POWERFUL MODE                        | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| MILDEW RESISTANT FILTER              | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| PM 2.5 FILTER                        | o<br>(Optional)          | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | -            | -            | -            |
| COMPRESSOR INSULATION JACKET         | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| FAN SPEED CONTROL LEVELS             | 5                        | 5               | 5               | 5               | 5               | 5               | 4            | 4            | 4            |
| WASHABLE PANEL                       | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| SLEEP TIMER                          | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| SENSOR FUNCTION                      | -                        | -               | -               | -               | -               | -               | o            | o            | o            |
| COIL CLEANING FUNCTION               | -                        | -               | -               | -               | -               | -               | o            | o            | o            |
| COIL AUTO DRY FUNCTION               | -                        | -               | -               | -               | -               | -               | o            | o            | o            |
| ECONOMY MODE                         | o                        | o               | o               | o               | o               | o               | -            | -            | -            |
| WIRELESS REMOTE CONTROLLER           | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| GROUP CONTROL SYSTEM                 | -                        | -               | -               | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | -            | -            | -            |
| TEMPERATURE DISPLAY                  | -                        | -               | -               | -               | -               | -               | o            | o            | o            |
| AUTO RESTART                         | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| LONG PIPE                            | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| PROGRAM TIMER                        | o                        | o               | o               | o               | o               | o               | -            | -            | -            |
| CORROSION RESISTANT ODU              | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| ANTI-CORROSION HEAT EXCHANGER IN IDU | o                        | o               | o               | o               | o               | o               | -            | -            | -            |
| POWDER COATED OUTDOOR UNIT           | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| SILICON COATED PCB                   | o                        | o               | o               | o               | o               | o               | -            | -            | -            |
| HIGH VOLTAGE PROTECTION              | o                        | o               | -               | o               | o               | -               | -            | -            | -            |
| BLUE FIN CONDENSER                   | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| BLUE FIN EVAPORATOR                  | -                        | -               | -               | -               | -               | -               | o            | o            | o            |
| CONDENSER PROTECTION GRILL           | o                        | o               | o               | o               | o               | o               | -            | -            | o            |
| BLDC MOTOR INDOOR UNIT               | o                        | o               | o               | o               | o               | o               | -            | -            | -            |
| INNER GROOVE COPPER TUBE             | o                        | o               | o               | o               | o               | o               | o            | o            | o            |
| SELF DIAGNOSIS                       | o                        | o               | o               | o               | o               | o               | -            | -            | -            |

| FEATURES       |                                      | INVERTER SPLIT - HOT & COLD |                 |                 |
|----------------|--------------------------------------|-----------------------------|-----------------|-----------------|
|                |                                      | ASGG18KJTA-B                | ASGG24KJTA-B    | ASGG30KJTA-B    |
| COMFORT        | UP / DOWN LOUVERS                    | o                           | o               | o               |
|                | LEFT / RIGHT SWING LOUVERS           | o                           | o               | o               |
|                | DOUBLE SWING AUTOMATIC -3D           | o                           | o               | o               |
|                | POWER AIRFLOW DUAL LOUVERS           | SINGLE                      | SINGLE          | o               |
|                | WIDE ANGLE LOUVERS                   | o                           | o               | o               |
|                | AUTOMATIC AIRFLOW ADJUSTMENT         | o                           | o               | o               |
|                | 10°C HEAT OPERATION                  | o                           | o               | o               |
|                | QUIET OPERATION                      | o                           | o               | o               |
|                | DRY FUNCTION                         | o                           | o               | o               |
|                | AUTO - MOISTURE PREVENTION           | o                           | o               | o               |
| CONVENIENCE    | ADVANCED FREQUENCY MODULATION        | o                           | o               | o               |
|                | COANDA AIRFLOW                       | o<br>15m                    | o<br>15m        | o<br>25m        |
|                | POWERFUL MODE                        | o                           | o               | o               |
|                | MILDEW RESISTANT FILTER              | o                           | o               | o               |
|                | PM 2.5 FILTER                        | o                           | o               | o               |
|                | COMPRESSOR INSULATION JACKET         | o                           | o               | o               |
|                | FAN SPEED CONTROL LEVELS             | 5                           | 5               | 5               |
|                | WASHABLE PANEL                       | o                           | o               | o               |
|                | SLEEP TIMER                          | o                           | o               | o               |
|                | HUMAN SENSOR                         | o                           | o               | o               |
| PERFORMANCE    | ECONOMY MODE                         | o                           | o               | o               |
|                | WIRELESS REMOTE CONTROLLER           | o                           | o               | o               |
|                | WIRED REMOTE CONTROLLER              | o<br>(Optional)             | o<br>(Optional) | o<br>(Optional) |
|                | WLAN                                 | o<br>(Optional)             | o<br>(Optional) | o<br>(Optional) |
|                | GROUP CONTROL SYSTEM                 | o<br>(Optional)             | o<br>(Optional) | o<br>(Optional) |
|                | BACKLIT REMOTE                       | o                           | o               | o               |
|                | 0.5°C PRECISION TEMPERATURE CONTROL  | o                           | o               | o               |
|                | AUTO RESTART                         | o                           | o               | o               |
|                | LONG PIPE                            | o                           | o               | o               |
|                | PROGRAM TIMER                        | o                           | o               | o               |
| LONG LIFE      | CORROSION RESISTANT ODU              | o                           | o               | o               |
|                | ANTI-CORROSION HEAT EXCHANGER IN IDU | o                           | o               | o               |
|                | POWDER COATED OUTDOOR UNIT           | o                           | o               | o               |
|                | SILICON COATED PCB                   | o                           | o               | o               |
|                | HIGH VOLTAGE PROTECTION              | o                           | o               | -               |
|                | BLUE FIN CONDENSER                   | o                           | o               | o               |
|                | CONDENSER PROTECTION GRILL           | o                           | o               | o               |
|                | BLDC MOTOR INDOOR UNIT               | o                           | o               | o               |
|                | INNER GROOVE COPPER TUBE             | o                           | o               | o               |
|                | DUAL SUCTION INTAKE DESIGN           | -                           | -               | o               |
| SELF DIAGNOSIS | o                                    | o                           | o               |                 |

| FEATURES    |                               | FIXED SPEED SPLIT - COOLING |                 |                 |                 |              |              |              |
|-------------|-------------------------------|-----------------------------|-----------------|-----------------|-----------------|--------------|--------------|--------------|
|             |                               | ASGA18FUTD-B                | ASGA24FUTC-B    | ASGA30FUTD-B    | ASGA36FUTC-B    | ASGA12BMWB-B | ASGA18BMWA-B | ASGA24BMWA-B |
| COMFORT     | UP / DOWN LOUVERS             | o                           | o               | o               | o               | o            | o            | o            |
|             | LEFT / RIGHT SWING LOUVERS    | o                           | o               | o               | o               | -            | -            | -            |
|             | DOUBLE SWING AUTOMATIC -3D    | o                           | o               | o               | o               | -            | -            | -            |
|             | POWER AIRFLOW DUAL LOUVERS    | o                           | o               | o               | o               | SINGLE       | SINGLE       | SINGLE       |
|             | WIDE ANGLE LOUVERS            | o                           | o               | o               | o               | o            | o            | o            |
|             | AUTOMATIC AIRFLOW ADJUSTMENT  | o                           | o               | o               | o               | o            | o            | o            |
|             | QUIET OPERATION               | o                           | o               | o               | o               | o            | o            | o            |
|             | DRY FUNCTION                  | o                           | o               | o               | o               | o            | o            | o            |
|             | AUTO - MOISTURE PREVENTION    | o                           | o               | o               | o               | -            | -            | -            |
|             | ADVANCED FREQUENCY MODULATION | -                           | -               | -               | -               | o            | o            | o            |
| CONVENIENCE | COANDA AIRFLOW                | o<br>18m                    | o<br>20m        | o<br>25m        | o<br>25m        | o<br>10m     | o<br>15m     | o<br>15m     |
|             | POWERFUL MODE                 | o                           | o               | o               | o               | o            | o            | o            |
|             | MILDEW RESISTANT FILTER       | o                           | o               | o               | o               | o            | o            | o            |
|             | COMPRESSOR INSULATION JACKET  | o                           | o               | o               | o               | o            | o            | o            |
|             | FAN SPEED CONTROL LEVELS      | 6                           | 6               | 6               | 6               | 4            | 4            | 4            |
|             | WASHABLE PANEL                | o                           | o               | o               | o               | o            | o            | o            |
|             | SLEEP TIMER                   | o                           | o               | o               | o               | o            | o            | o            |
|             | SENSOR FUNCTION               | -                           | -               | -               | -               | o            | o            | o            |
|             | COIL AUTO DRY FUNCTION        | -                           | -               | -               | -               | o            | o            | o            |
|             | WIRELESS REMOTE CONTROLLER    | o                           | o               | o               | o               | o            | o            | o            |
| LONG LIFE   | WIRED REMOTE CONTROLLER       | o<br>(Optional)             | o<br>(Optional) | o<br>(Optional) | o<br>(Optional) | -            | -            | -            |
|             | TEMPERATURE DISPLAY           | -                           | -               | -               | -               | o            | o            | o            |
|             | AUTO RESTART                  | o                           | o               | o               | o               | o            | o            | o            |
|             | LONG PIPE                     | o                           | o               | o               | o               | o            | o            | o            |
|             | PROGRAM TIMER                 | o                           | o               | o               | o               | o            | o            | o            |
|             | CORROSION RESISTANT ODU       | o                           | o               | o               | o               | o            | o            | o            |
|             | POWDER COATED OUTDOOR UNIT    | o                           | o               | o               | o               | o            | o            | o            |
|             | BLUE FIN CONDENSER            | o                           | o               | o               | o               | o            | o            | o            |
|             | BLUE FIN EVAPORATOR           | -                           | -               | -               | -               | o            | o            | o            |
|             | CONDENSER PROTECTION GRILL    | o                           | o               | o               | o               | o            | o            | o            |
| PERFORMANCE | INNER GROOVE COPPER TUBE      | o                           | o               | o               | o               | o            | o            | o            |
|             | DUAL SUCTION INTAKE DESIGN    | o                           | o               | o               | o               | -            | -            | -            |
|             | SELF DIAGNOSIS                | o*                          | o*              | o*              | o*              | -            | -            | -            |

\* In order to use Self Diagnosis function, optional Wired Remote Controller has to be connected

| FEATURES    |                               | FIXED SPEED CASSETTE - COOLING |   |
|-------------|-------------------------------|--------------------------------|---|
|             |                               | AUGA25FRTA-B                   |   |
| COMFORT     | UP / DOWN LOUVERS             |                                | o |
|             | 360° TURBO FLOW               |                                | o |
|             | WIDE ANGLE LOUVERS            |                                | o |
|             | AUTOMATIC AIRFLOW ADJUSTMENT  |                                | o |
|             | QUIET OPERATION               |                                | o |
|             | DRY FUNCTION                  |                                | o |
|             | CONNECTABLE DISTRIBUTING DUCT |                                | o |
|             | CONNECTABLE FRESH AIR DUCT    |                                | o |
|             | MILDEW RESISTANT FILTER       |                                | o |
|             | COMPRESSOR INSULATION JACKET  |                                | o |
| CONVENIENCE | FAN SPEED CONTROL LEVELS      |                                | 4 |
|             | WASHABLE PANEL                |                                | o |
|             | SLEEP TIMER                   |                                | o |
|             | ECONOMY MODE                  |                                | o |
|             | FILTER SIGN                   |                                | o |
|             | WIRELESS REMOTE CONTROLLER    |                                | o |
|             | AUTO RESTART                  |                                | o |
|             | LONG PIPE                     |                                | o |
|             | WEEKLY TIMER                  |                                | o |
|             | CORROSION RESISTANT ODU       |                                | o |
| PERFORMANCE | POWDER COATED OUTDOOR UNIT    |                                | o |
|             | CONDENSOR PROTECTION GRILL    |                                | o |
|             | INNER GROOVE COPPER TUBE      |                                | o |
|             | SELF DIAGNOSIS                |                                | o |

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| FEATURES                     |  | FIXED SPEED WINDOW - COOLING |              |              |              |
|------------------------------|--|------------------------------|--------------|--------------|--------------|
|                              |  | AMGB09BAWA-B                 | AFGB12BAWA-B | AXGB18BAWA-B | AXGB24BAWA-B |
| LEFT / RIGHT SWING LOUVERS   |  | o                            | o            | o            | o            |
| SUPER WAVE TECHNOLOGY        |  | o                            | o            | o            | o            |
| AUTOMATIC AIRFLOW ADJUSTMENT |  | o                            | o            | o            | o            |
| POWERFUL MODE                |  | o                            | o            | o            | o            |
| FRESH AIR INTAKE             |  | o                            | o            | o            | o            |
| WIRELESS REMOTE CONTROLLER   |  | o                            | o            | o            | o            |
| AUTO RESTART                 |  | o                            | o            | o            | o            |
| QUIET OPERATION              |  | o                            | o            | o            | o            |
| WASHABLE PANEL               |  | o                            | o            | o            | o            |
| MILDEW RESISTANT FILTER      |  | o                            | o            | o            | o            |
| CATECHIN FILTER              |  | o                            | o            | o            | o            |
| SLEEP TIMER                  |  | o                            | o            | o            | o            |
| CORROSION RESISTANT BODY     |  | o                            | o            | o            | o            |
| BLUE FIN CONDENSER           |  | o                            | o            | o            | o            |

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Registered & Corporate Office Address:

Prestige Cosmopolitan

No: 36, 8<sup>th</sup> Floor, Sardar Patel Road,

Guindy, Chennai 600 032.

Ph: 044 6905 0300

e-mail: sales.india@fujitsu-general.com

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