

## ADOPTING SUSTAINABILITY FOR OUR FUTURE GENERATIONS



ADOPTING SUSTAINABILITY FOR OUR FUTURE GENERATIONS

Living together for our future

Through innovation and technology, we deliver a brighter future with 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

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

<ul style="list-style-type: none"><li>Joint development</li><li>Overseas sales companies</li><li>Overseas distributors</li></ul>	<ul style="list-style-type: none"><li>9 companies</li><li>15 companies</li><li>97 companies</li></ul>
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\*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.

An Example of our Initiative

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

What we can do because we are Fujitsu General

TOGETHER, TOWARDS A SUSTAINABLE FUTURE THAT ONLY FUJITSU GENERAL CAN OFFER

02

03



# 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 BEE 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.







## UPGRADE TO THE NEXT LEVEL

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 6.29 EER, and capable of meeting the energy efficiency level (ISEER) as per BEE regulation. What's more, every General is built to last longer. So choose wisely, to experience the next level of performance.



Human Sensor

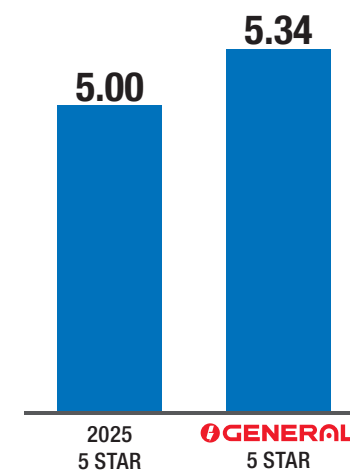


**25m Long-reach Airflow**

ASGG30CETB-B  
ASGG36CETB-B  
ASGG30KJTA-B

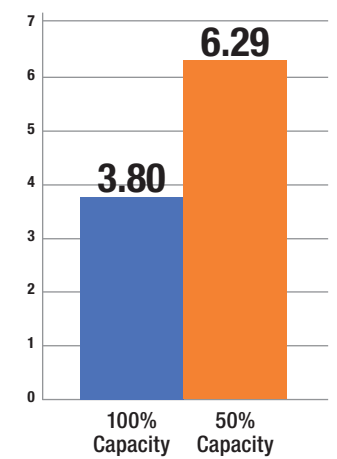
**25m**

### Higher Seasonal Efficiency



Indian Seasonal Energy Efficiency Ratio (ISEER)

### 50% Load Efficiency for CET Series



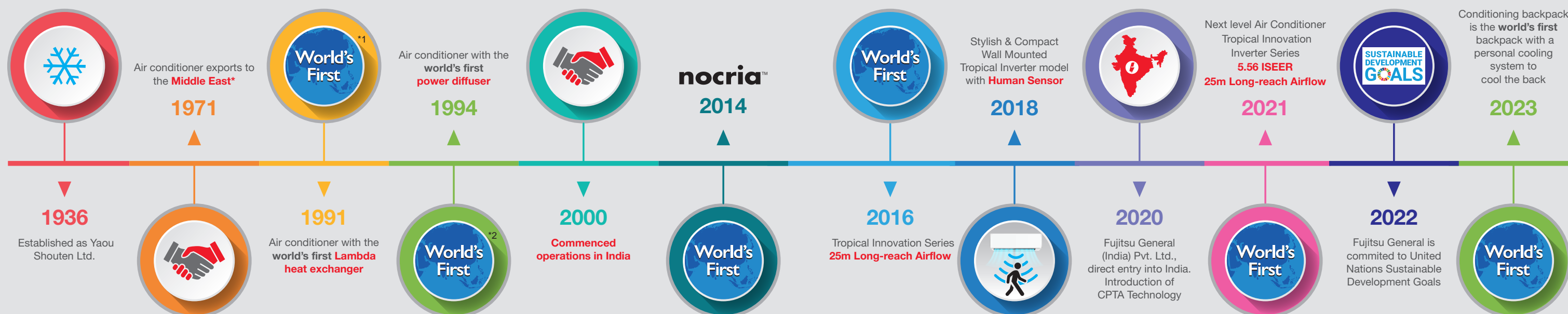
Energy Efficiency Ratio (EER)





**GENERAL**  
AIR CONDITIONERS

## OUR JOURNEY SO FAR...



\*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 Headquarters & 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

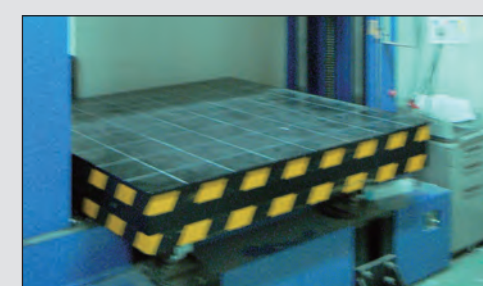
### Transportation & Handling



Practical Test Room



Acoustic Testing



Compressibility testing



Vibration testing





# HIGH PRODUCT QUALITY ASSURANCE

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

## ISO Certifications

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

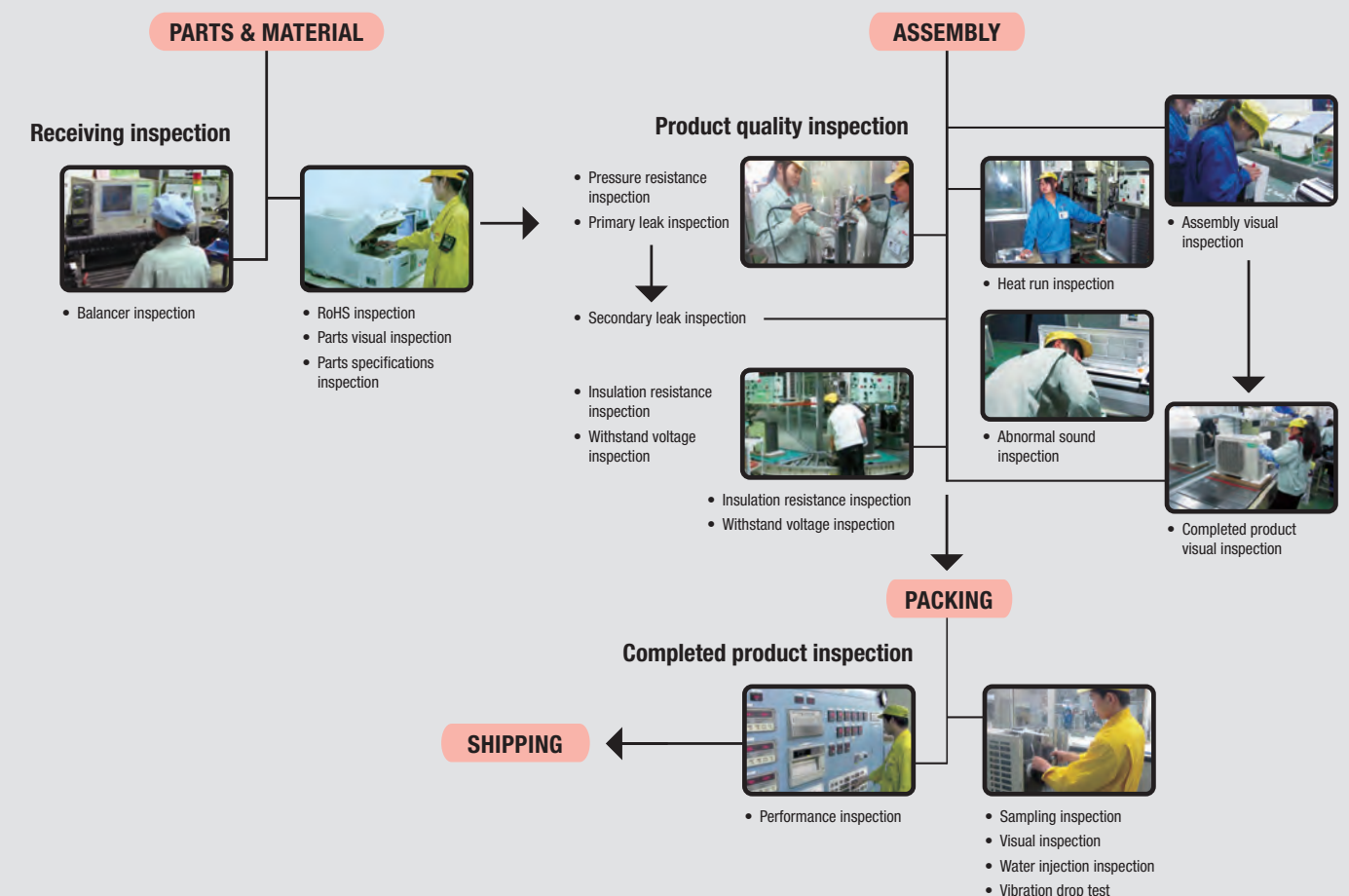
electronic equipment. It is an EU directive intended to protect the environment by forcing manufacturers to eliminate or severely curtail the use of cadmium, hexavalent chromium, and lead, in all products from automobiles to consumer electronics.

## 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.







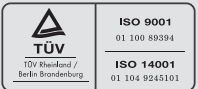
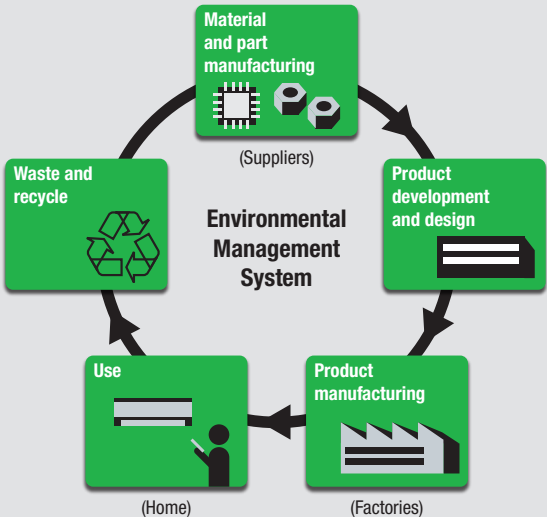
# ENVIRONMENTAL MANAGEMENT SYSTEM



# 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



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



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







## LUXURIOUS & ELEGANT DESIGN



## INNOVATION IN TECHNOLOGY

### Tropical Innovation Inverter Series



ASGG18CETB-B / ASGG24CETB-B / ASGG30CETB-B / ASGG36CETB-B

### New Design



Golden Coloured Ornament



Trimmed Edge

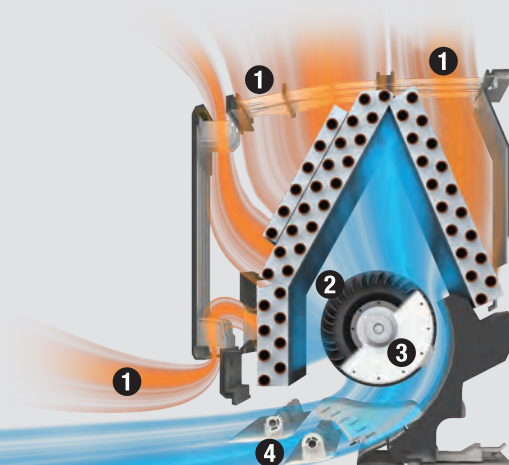


Dual Suction Intake

### New Technology

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

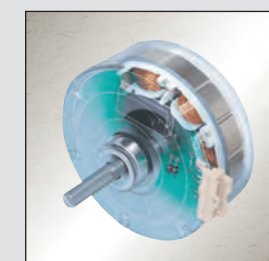
Optimized Airflow Design



- 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





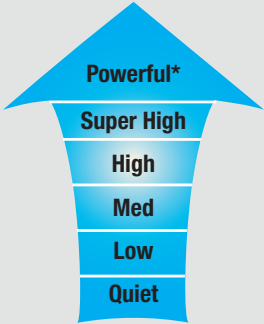
# 25 METRES LONG REACH AIR FLOW

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

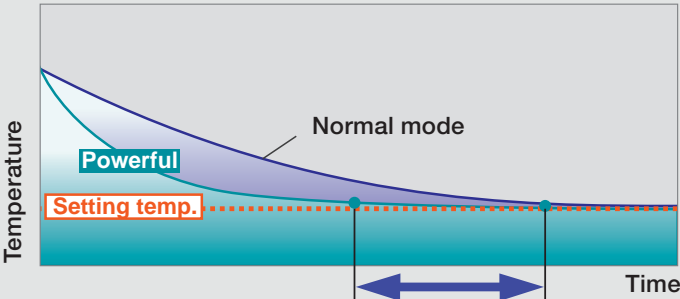


5 speed + Powerful cooling mode

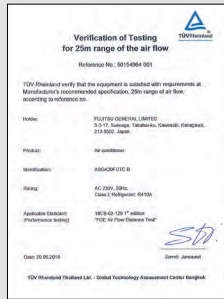
\*One touch powerful cooling mode: Continuous operation for 30 minutes at maximum air volume.



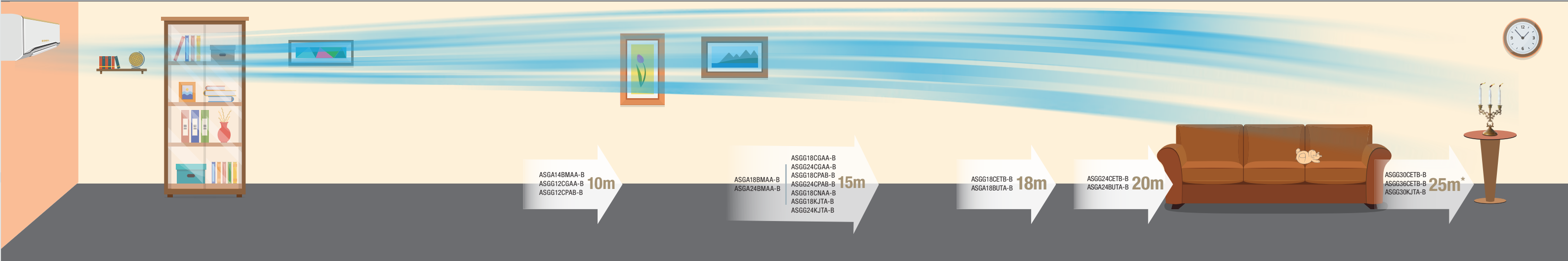
One touch powerful cooling mode



Cooling time in powerful mode is shorter than in normal mode



Certified 25m Airflow



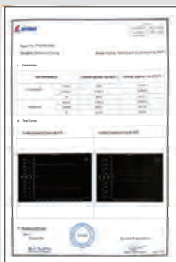
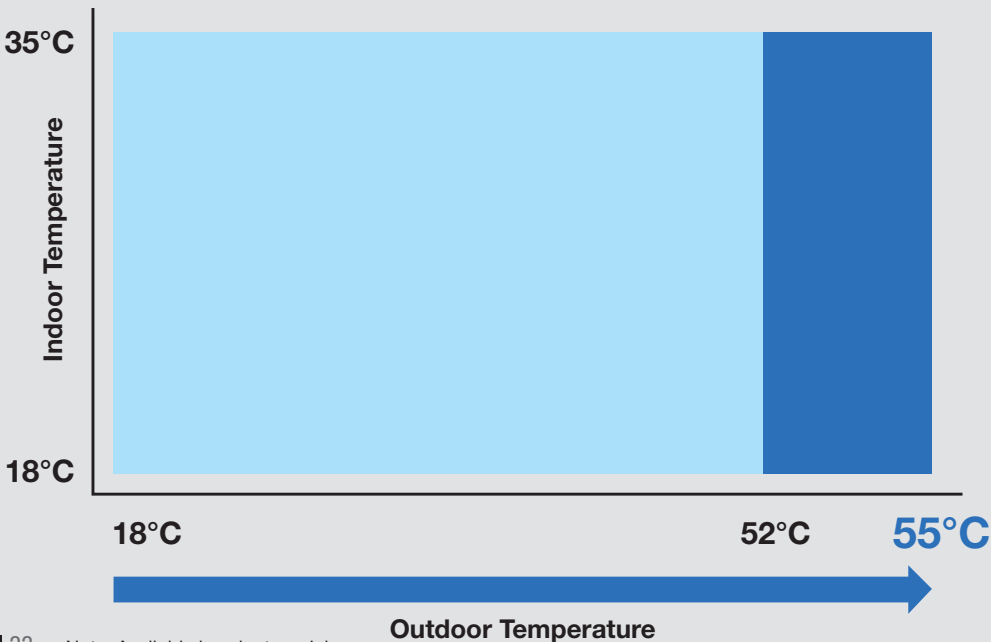
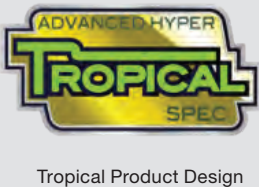


High, powerful cooling.

# 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.



## 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 operate even at 55°C.

## CGA Series

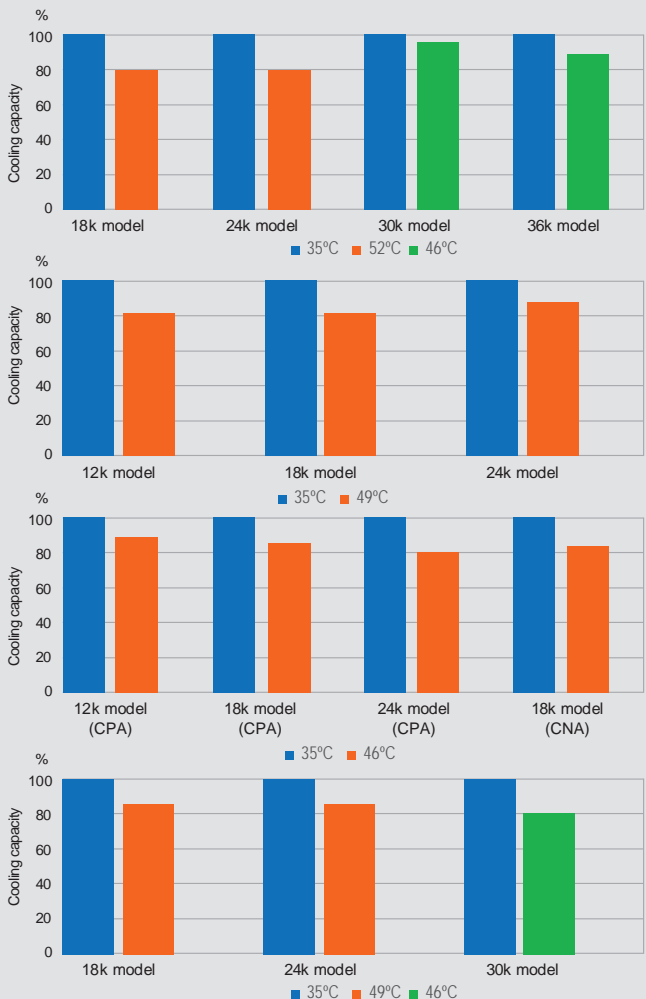
CGA series models are able to achieve over 80% cooling capacity even at 49°C because the indoor unit and outdoor unit components are optimized in order to improve cooling performance. They can operate even at 55°C.

## CPA/CNA Series

CPA/CNA 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 operate even at 55°C.

## 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 operate even at 55°C.



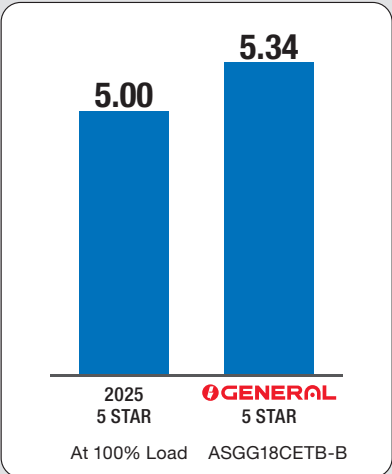




# EXCELLENCE IN ENERGY EFFICIENCY

## ISEER Upgrade

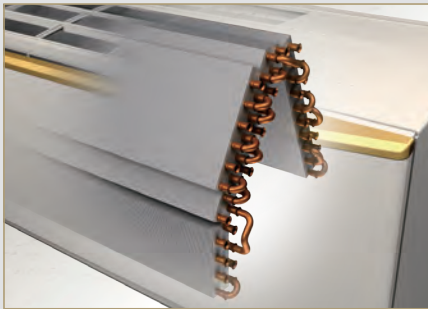
Top of the line energy efficiency of ISEER 5.34 that exceeds 5 Star rating requirement as per BEE, making it highly energy efficient.



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



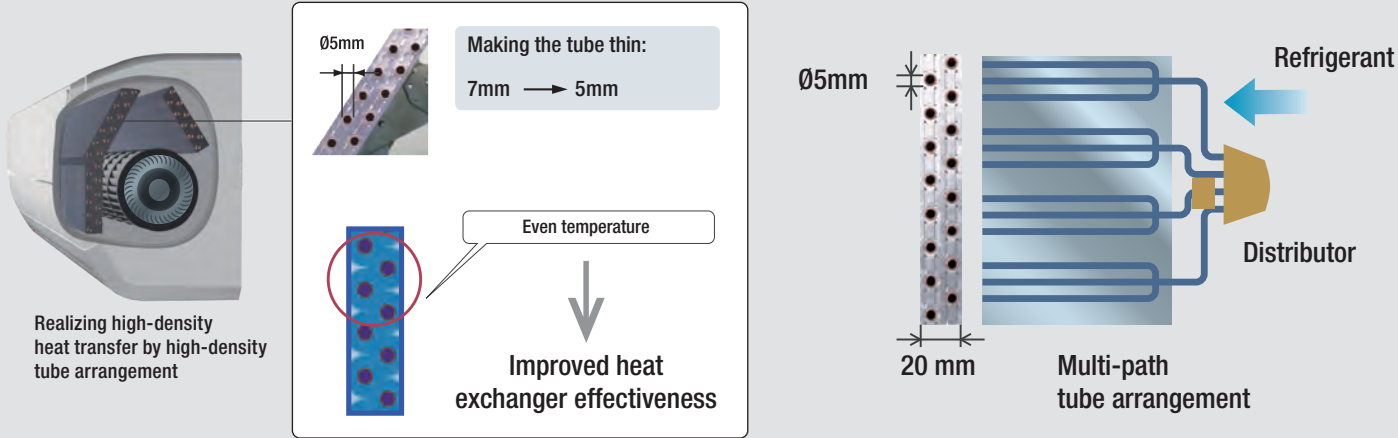
Large heat exchanger



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

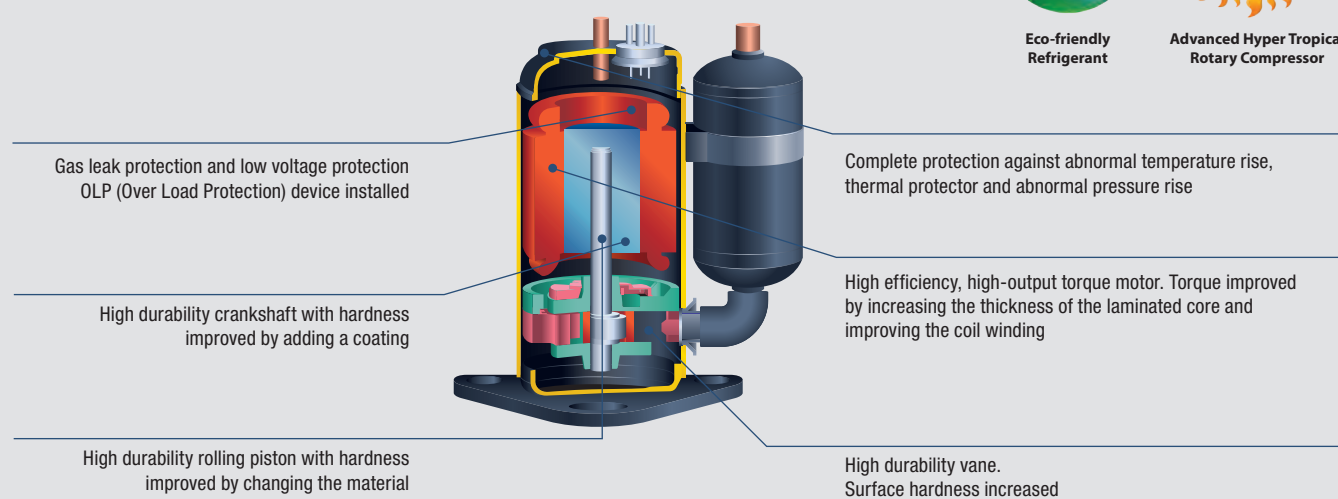
### Advanced Hyper Tropical Rotary Compressor



Eco-friendly  
Refrigerant



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.

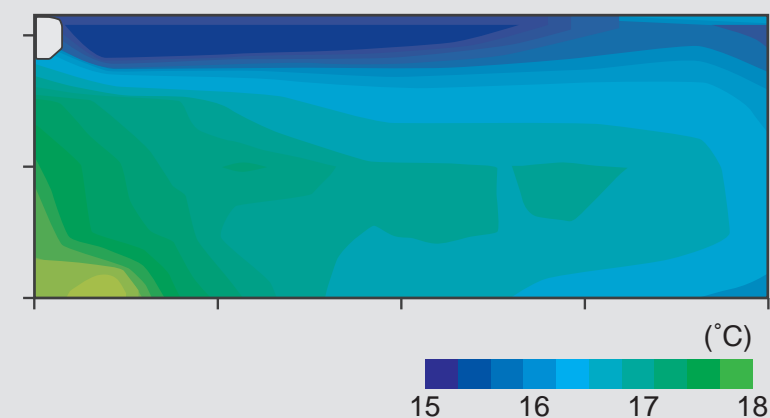
**Super low voltage operation**  
Our Hyper Tropical Compressor  
can be operated even at a  
low voltage of 155V.

**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

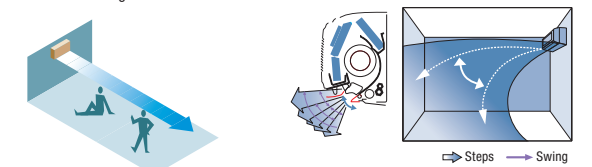
With advanced airflow technology, General provides powerful airflow and better air distribution for corner to corner cooling. The cold air discharged is directed upward, which achieves the Coanda airflow along the ceiling, producing Long-reach airflow.



#### 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

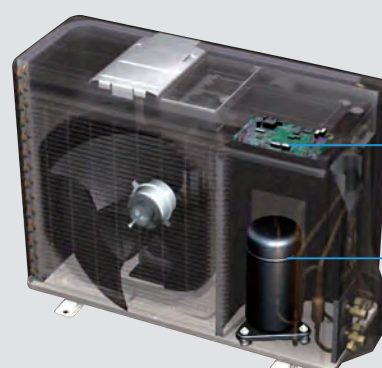
The high efficiency DC inverter type twin cylinder rotary compressor is used for our product range. It achieves higher energy efficiency compared with similar compressors by optimizing the structure inside the compressor.

## DC Fan Motor

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



Wide high efficiency range  
DC rotary compressor



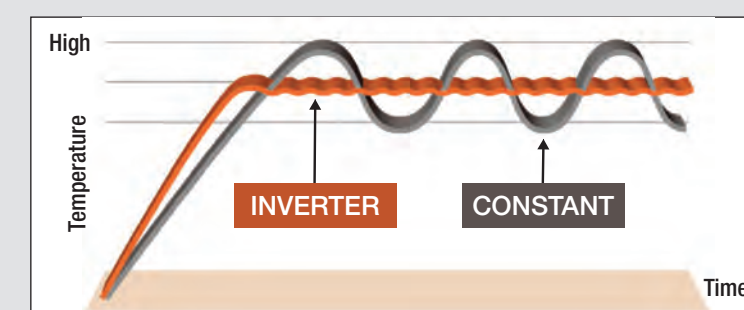
Inverter  
Control Base  
DC Compressor



DC Fan Motor

## Sine-wave DC Inverter Control

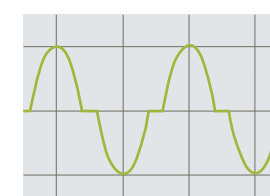
High efficiency operation is realized by using Sine-wave DC inverter control. This promotes the effective use of the input power supply to attain high performance.



## 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.

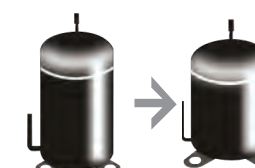
### Conventional Inverter Control



### All DC Inverter Control



More compact than  
conventional models



Advanced Frequency  
Modulation Technology



More powerful operation with the newly developed  
high efficiency compressor motor control.





# 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.

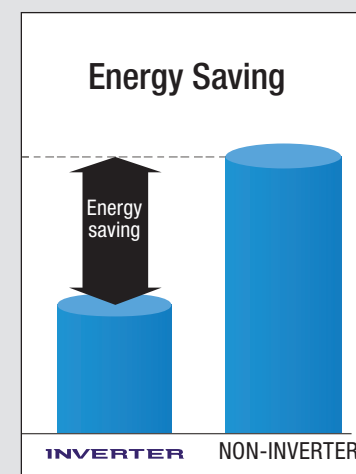
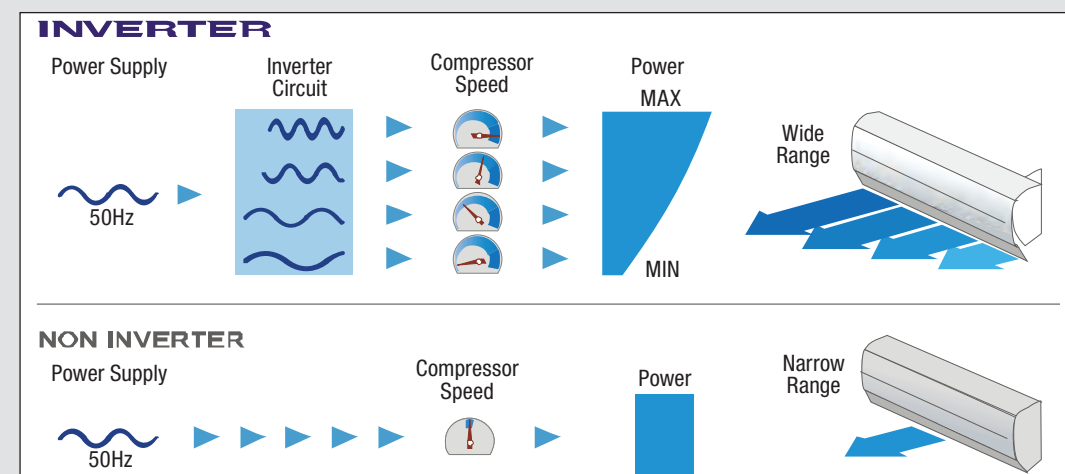
An INVERTER Air Conditioner changes the speed of the compressor by varying the frequency of the power supply to give superior cooling.

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

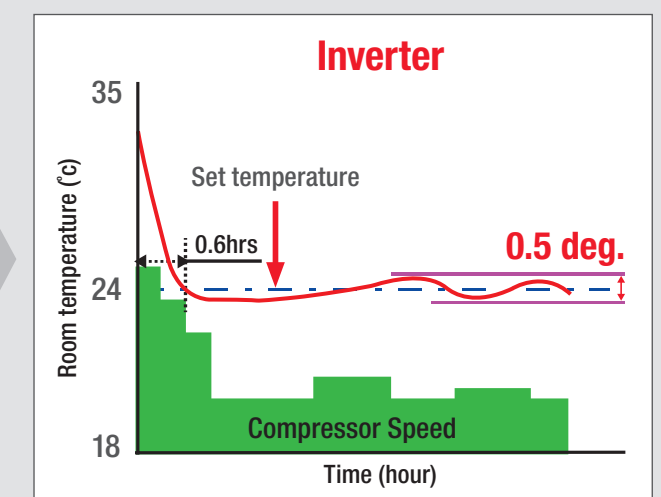
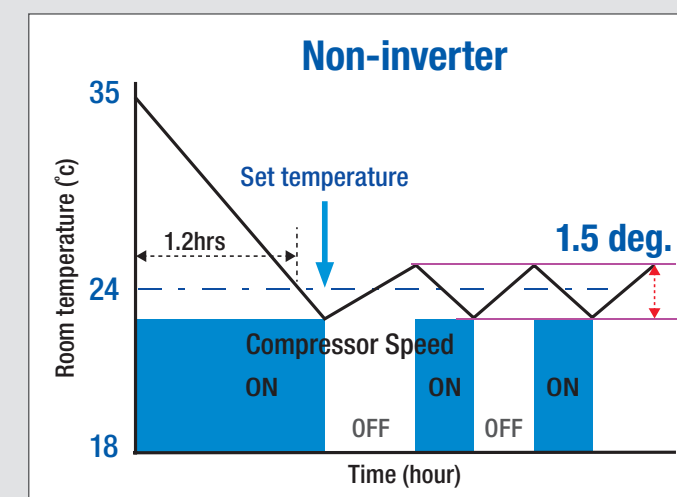
## Full Inverter Technology

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)

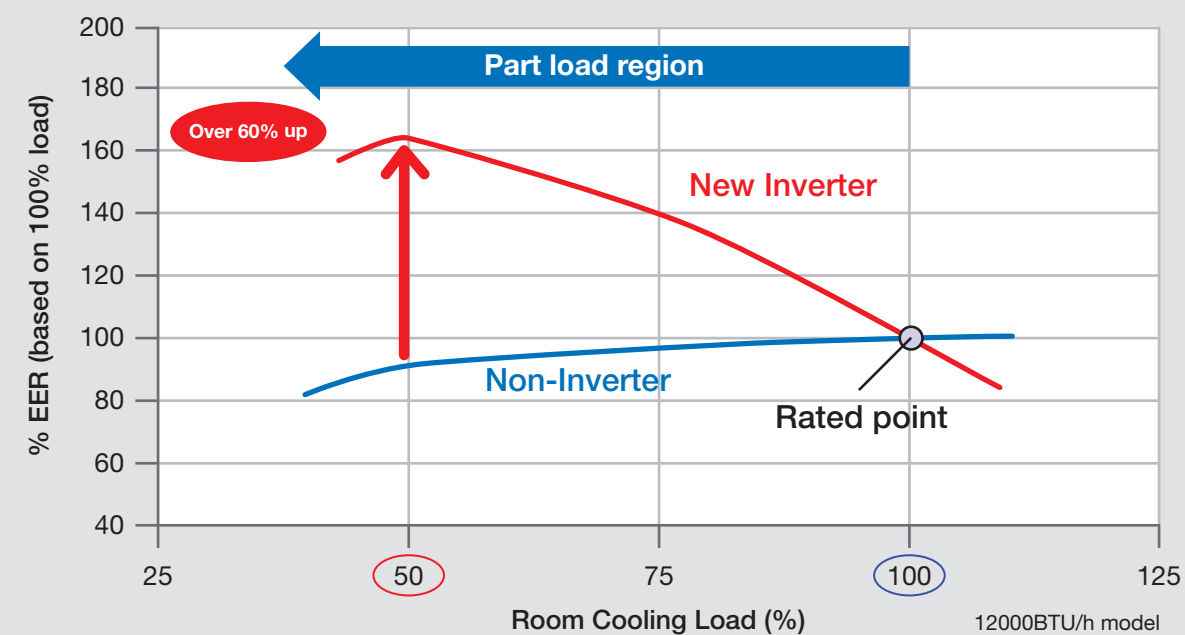




# PURSUIT OF SEASONAL EFFICIENCY

## Part-Load Operation

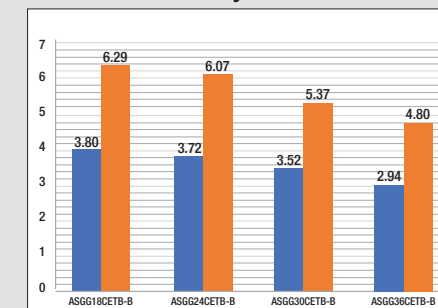
In over 80% of actual operation time, air conditioners are operated at partial capacity instead of rated capacity. We focused on high seasonal efficiency with an all DC inverter control and high efficiency technology.



## Part-Load Efficiency

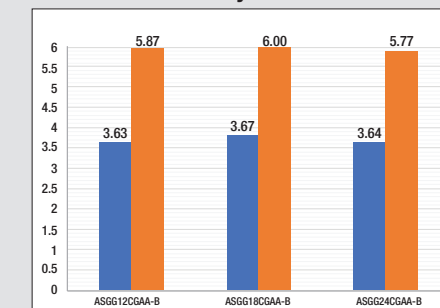
More power saving can be achieved by these inverter air conditioners as they operate with higher efficiency under part-load conditions.

50% Load Efficiency for CET Series



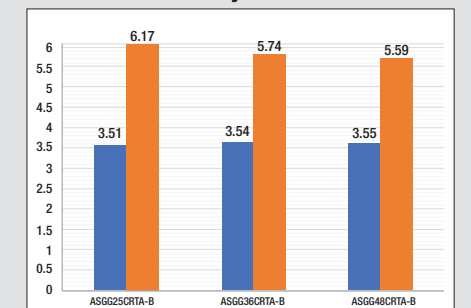
Energy Efficiency Ratio (EER) ■ 100% Capacity ■ 50% Capacity

50% Load Efficiency for CGA Series



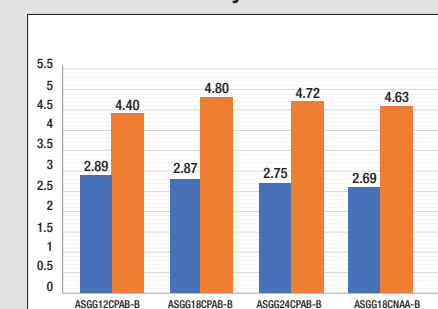
Energy Efficiency Ratio (EER) ■ 100% Capacity ■ 50% Capacity

50% Load Efficiency for CR Series



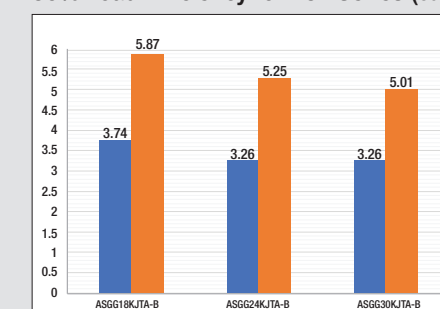
Energy Efficiency Ratio (EER) ■ 100% Capacity ■ 50% Capacity

50% Load Efficiency for CPA/CNA Series



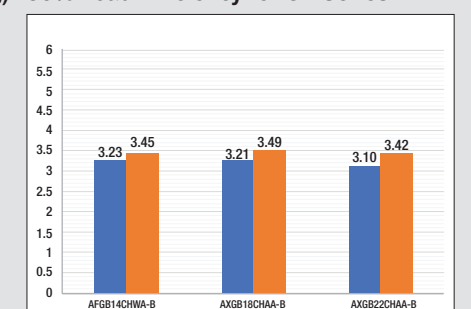
Energy Efficiency Ratio (EER) ■ 100% Capacity ■ 50% Capacity

50% Load Efficiency for KJT Series (Cooling)



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

50% Load Efficiency for CH Series

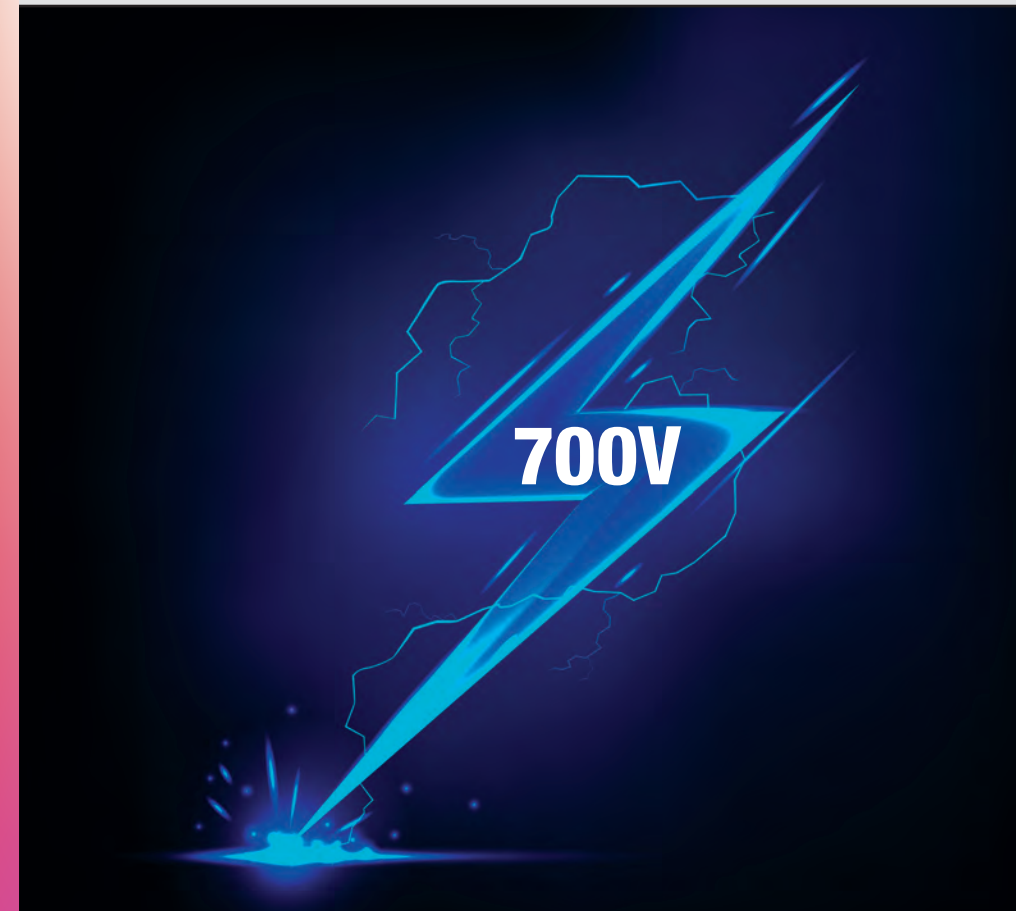


Energy Efficiency Ratio (EER) ■ 100% Capacity ■ 50% Capacity





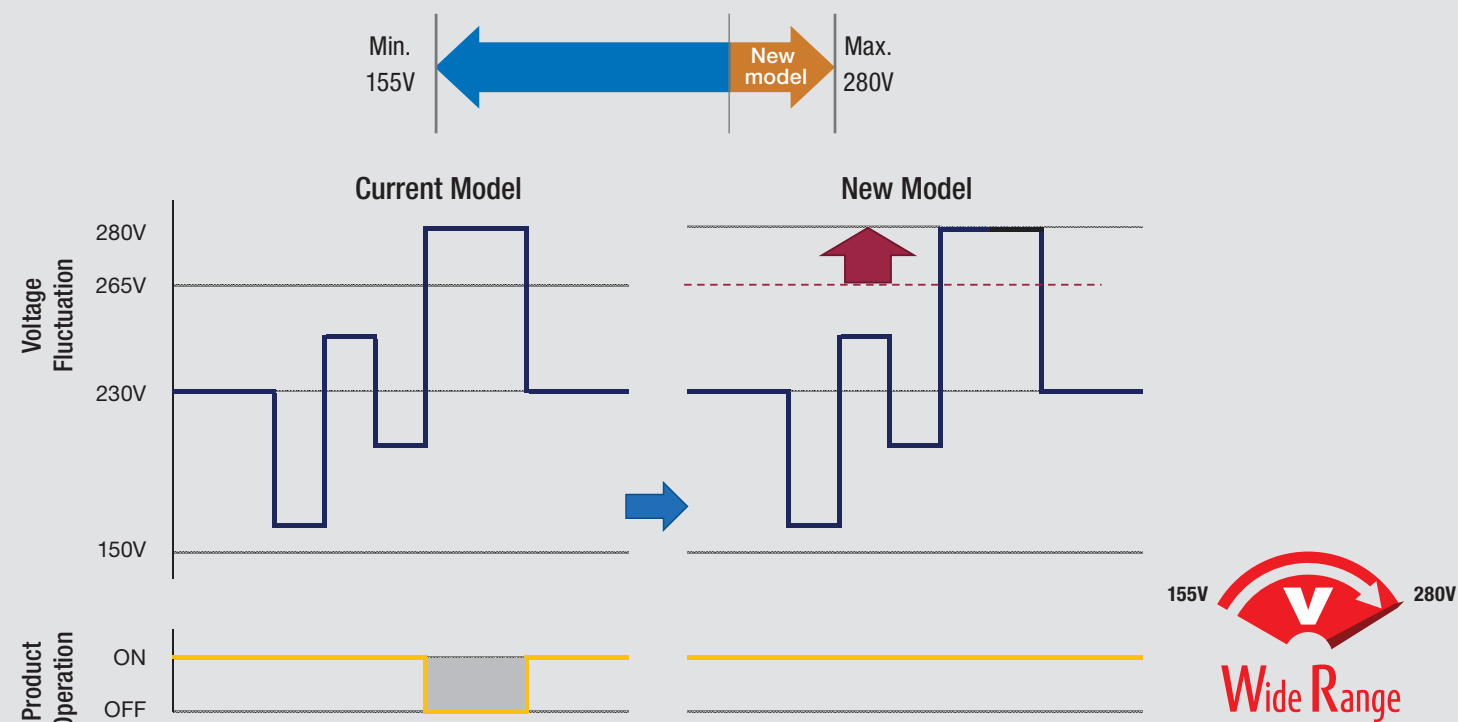
## WIDE OPERATING VOLTAGE RANGE



## HIGH VOLTAGE PROTECTION

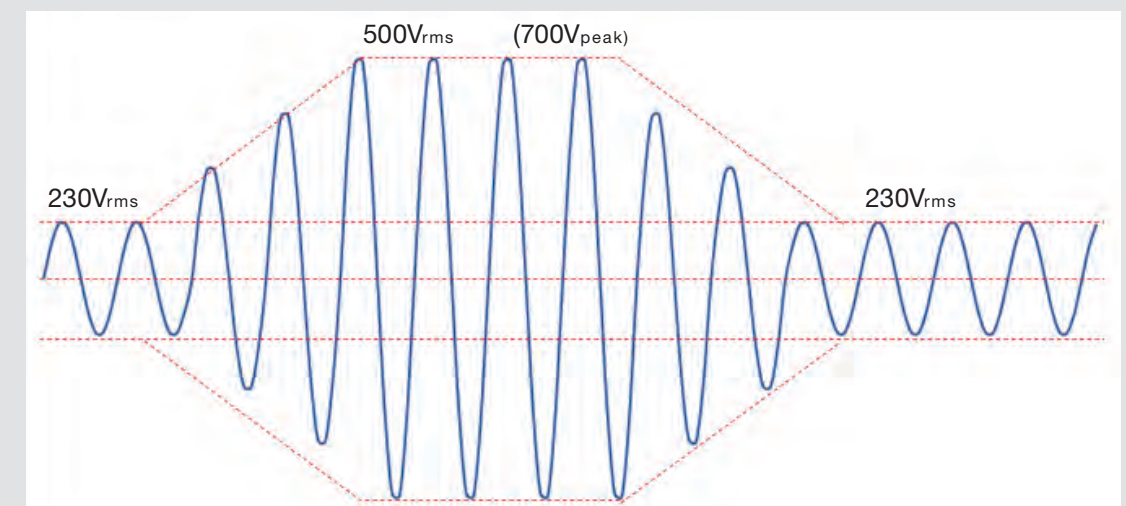
### Extreme Voltage Range (155V~280V)

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.

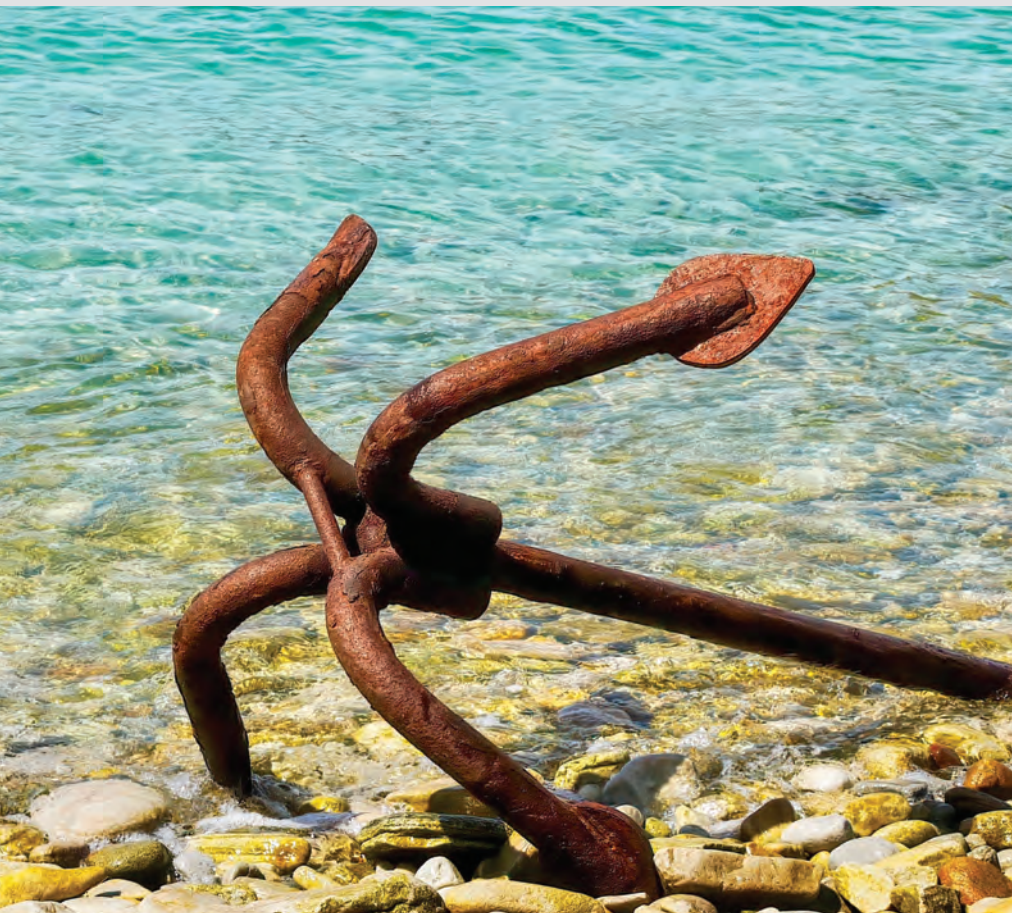


### Withstands High Voltage at 700V

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







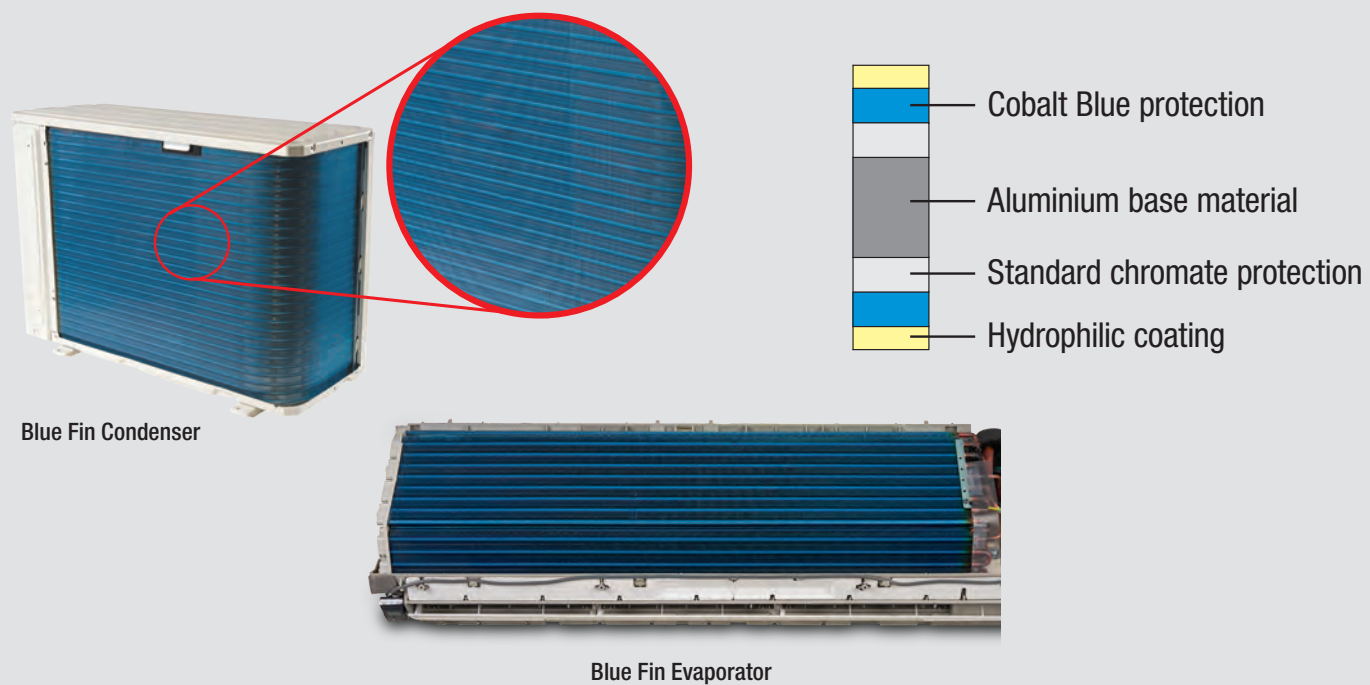
## BLUE FIN CONDENSER & EVAPORATOR



## ANTI CORROSION EVAPORATOR

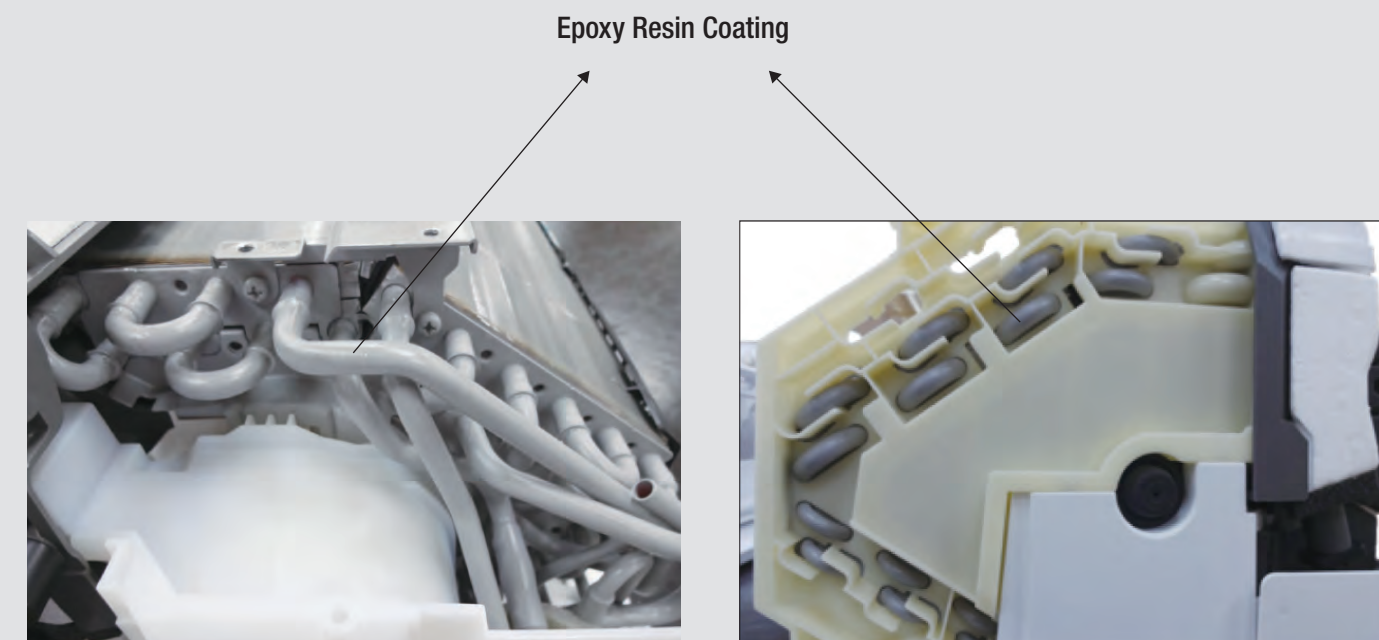
### Anti-corrosion Heat Exchanger with Blue Fin for long life

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

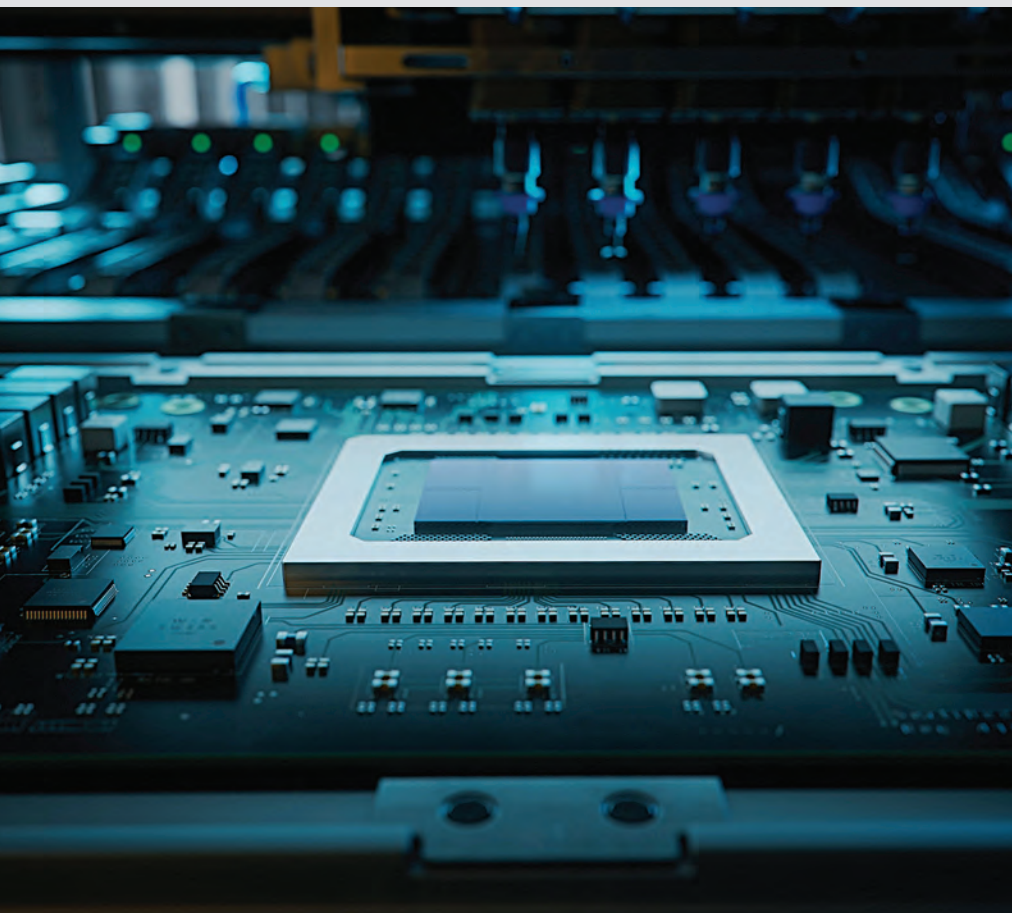


### Anti-corrosion Copper Heat Exchanger

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

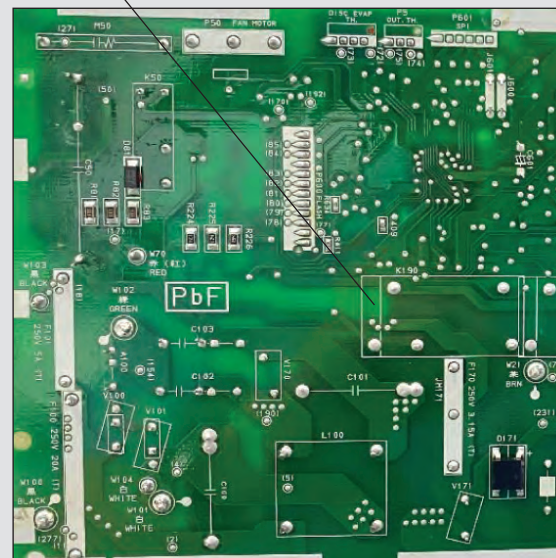
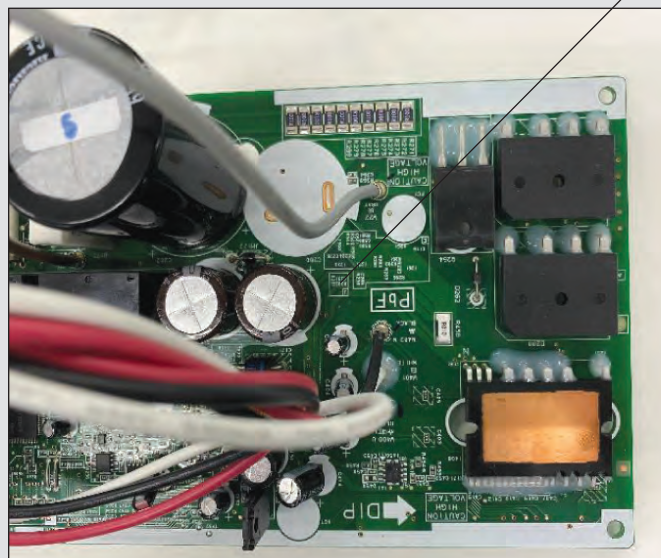


## PM 2.5 FILTER

### Silicon / Conformal Coated PCB

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

Special Silicon / Conformal Coating

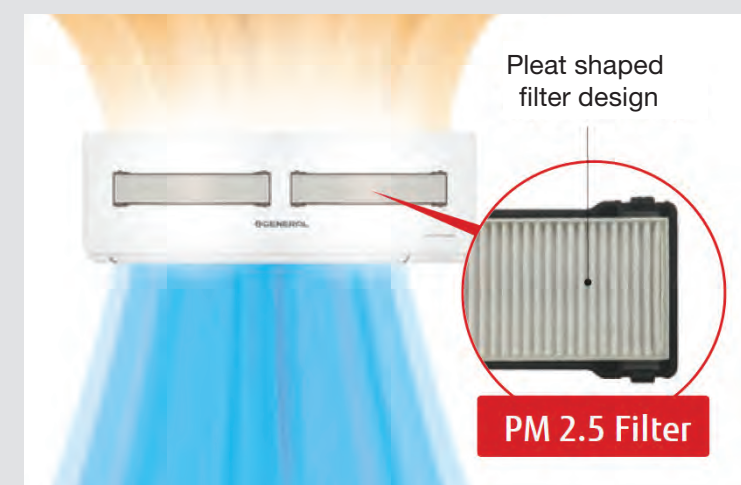


### PM 2.5 Filter

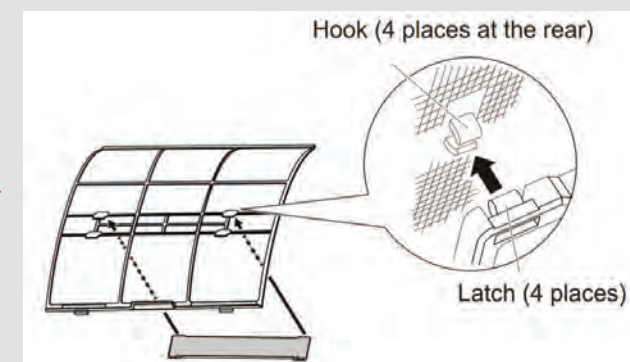
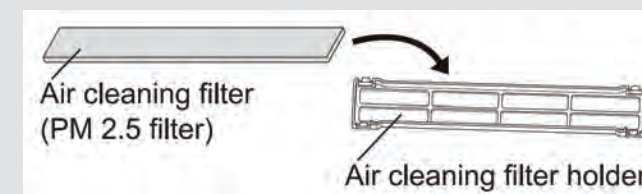
Cleans the air by catching particles as small as  $0.3 \sim 2.5 \mu\text{m}$ .

- 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  
CGA series, CPA series, CNA series & ASGG18/24KJTA-B models: UTR-FA16-4

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



### How to install the filter







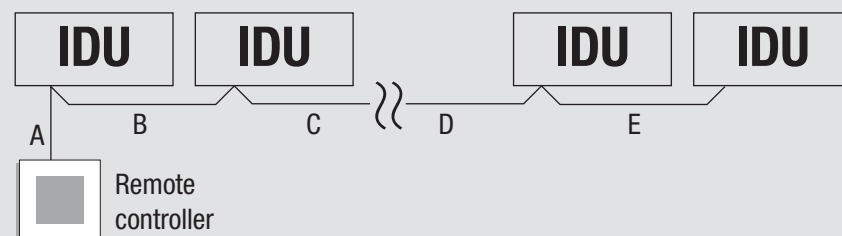
## GROUP CONTROLLER\*



## 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 the 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, CGA, CPA, CNA 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 is to be used for connection.



Wired Remote Controller  
UTY-RLRG


\*Optional

### Self Diagnosis

Enables automatic error detection in the unit for easy troubleshooting. 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

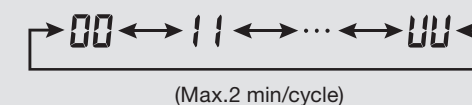
If [ ] and [☺] blink while [☺] is blinking fast on the indoor unit, check the error code. The error code is 2-digit numbers or characters.

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




The remote controller will enter 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 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 emit 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

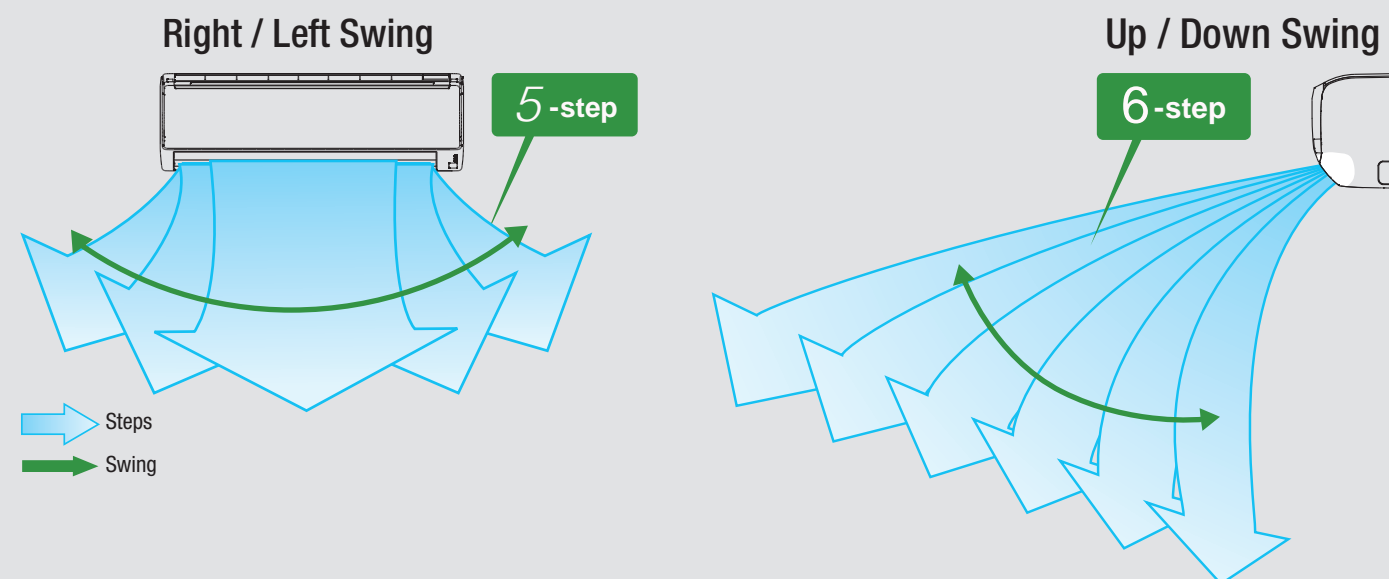


## ANTI-DRIP DESIGN

### 3D Double Auto Swing

#### 30 Step Control

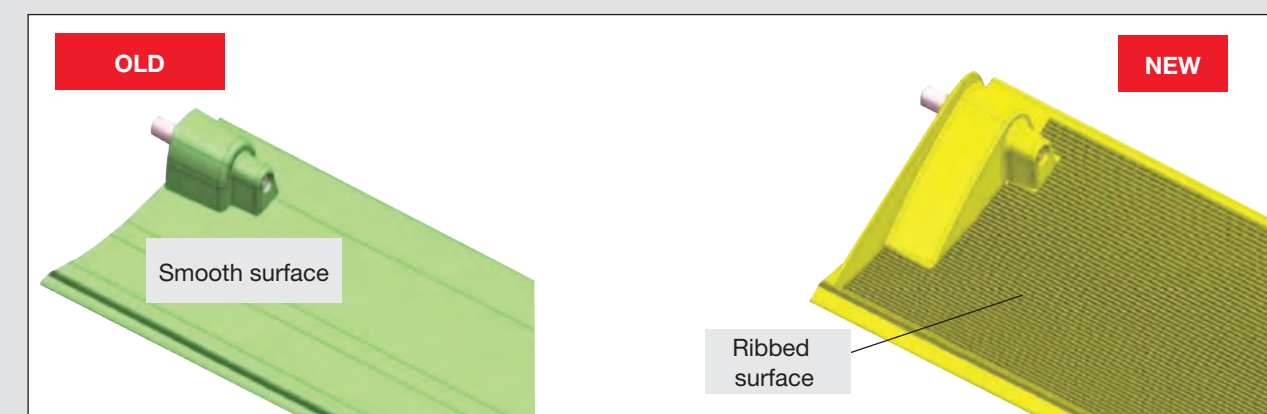
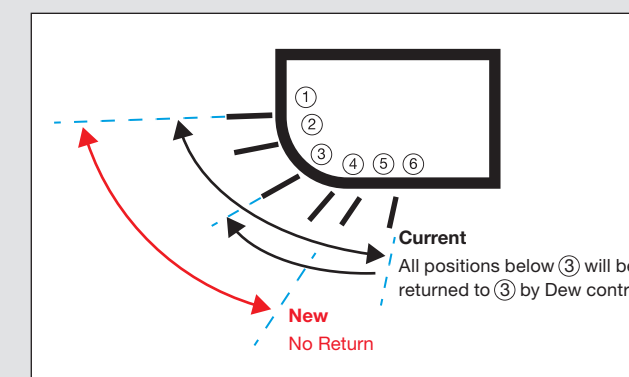
A combination of right/left and up/down directional swing airflow 3-dimensional air direction control with 30 unique configurations, which enables precise wind direction control for corner to corner cooling.



Note: Available in CET series, KJT series, BUT series, 18/24CGAA-B and 18/24CPAB-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.





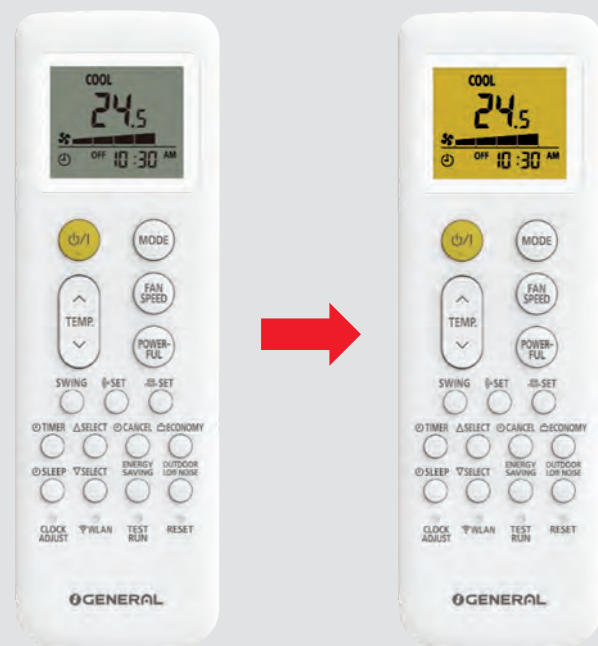
## BACKLIT REMOTE DISPLAY



## 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



## CONVENIENT TIMER

### 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 the previous operating mode.

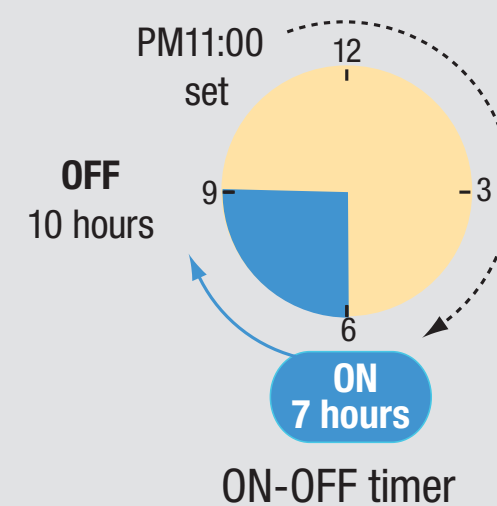


Note: Available in CGA and KJT series models.

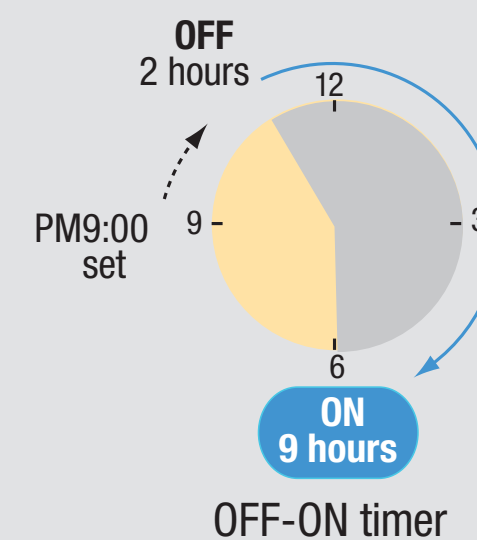
### Integrated ON – OFF Timer

You can set an integrated ON-OFF or OFF-ON timer that's suitable for your lifestyle.  
Setting time: Adjust timer setting for 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.





## TEMPERATURE DISPLAY



## COIL AUTO DRY FUNCTION

### Indoor Unit Temperature Display

The temperature that is set on the remote controller can be viewed on the indoor unit temperature display. The display on the indoor unit can also be switched on/off using the “LIGHT” button on the remote controller.



Note: Available in BMA series models.

### Mold Prevention by Coil Auto Dry Operation

This function is auto enabled. The indoor unit runs for some time to dry the evaporator coil every time the unit is switched off using the remote controller. It prevents mold formation on the evaporator coil and keeps it dry, thus preventing bad odor emanating when the AC is switched on, especially during monsoon season.

Note: Available in BMA series models.





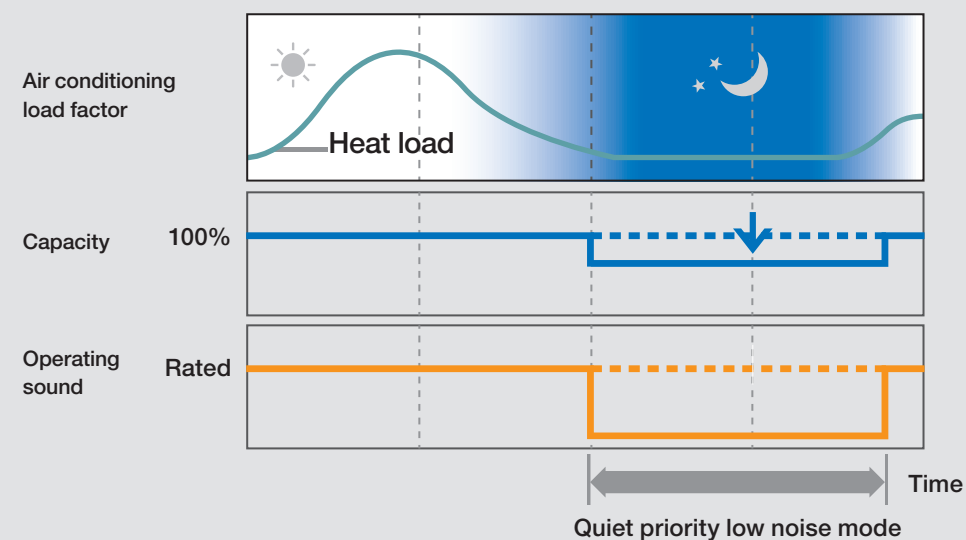
## OUTDOOR UNIT LOW NOISE OPERATION



## 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.

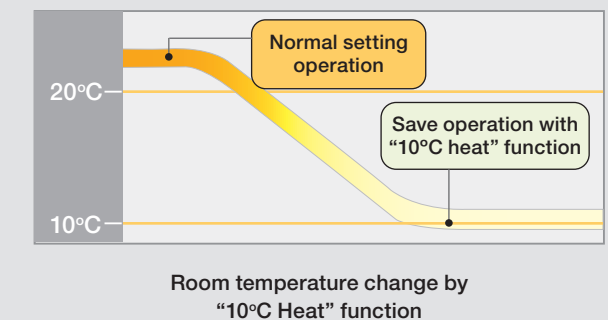
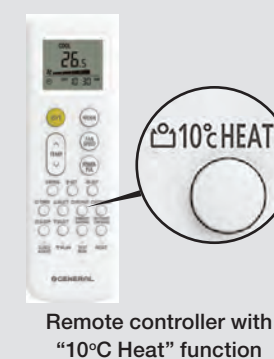


Note: 1. Available in KJT series models.

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 the furniture from freezing.



Note: 1. Available in KJT series models.

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





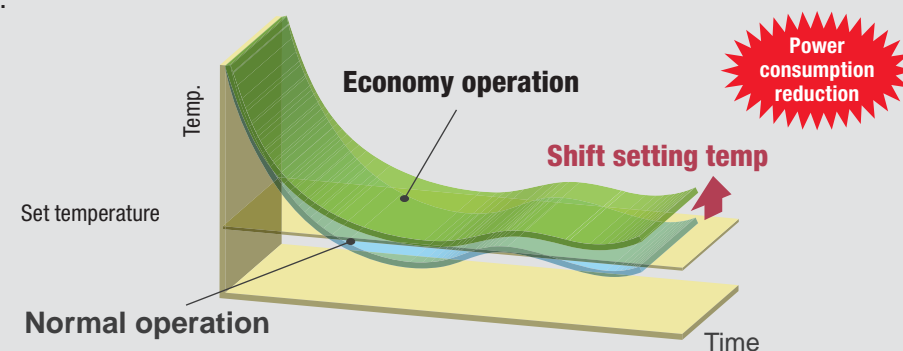
## ECONOMY MODE



## 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 its 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 the 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 the change from 20°C to 24°C, there is potential to increase at least 4°C, 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

# 1 YEAR COMPREHENSIVE COVER

YEAR 1	JAN	FEB	MAR	APR	MAY	JUN 1 <sup>ST</sup> PERIODIC MAINTENANCE	JUL	AUG	SEP	OCT	NOV	DEC 2 <sup>ND</sup> PERIODIC MAINTENANCE
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## + 4 YEARS EXTENDED COMPREHENSIVE COVER

YEAR 2	JAN	FEB	MAR	APR	MAY	FREE JUN 3 <sup>RD</sup> PERIODIC MAINTENANCE	JUL	AUG	SEP	OCT	NOV	FREE DEC 4 <sup>TH</sup> PERIODIC MAINTENANCE
YEAR 3	JAN	FEB	MAR	APR	MAY	FREE JUN 5 <sup>TH</sup> PERIODIC MAINTENANCE	JUL	AUG	SEP	OCT	NOV	FREE DEC 6 <sup>TH</sup> PERIODIC MAINTENANCE
YEAR 4	JAN	FEB	MAR	APR	MAY	FREE JUN 7 <sup>TH</sup> PERIODIC MAINTENANCE	JUL	AUG	SEP	OCT	NOV	FREE DEC 8 <sup>TH</sup> PERIODIC MAINTENANCE
YEAR 5	JAN	FEB	MAR	APR	MAY	FREE JUN 9 <sup>TH</sup> PERIODIC MAINTENANCE	JUL	AUG	SEP	OCT	NOV	FREE DEC 10 <sup>TH</sup> PERIODIC MAINTENANCE

Calendar is for illustration purpose only.

## EXTENDED COMPREHENSIVE COVER

### Best in class warranty & Free installation

General offers a 10 year warranty on Inverter Compressor and a 5 year warranty on Inverter outdoor 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 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 next 4 years. The ECC also covers all critical parts, gas charging 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.



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





**IoT READY\***

### Operation from anywhere

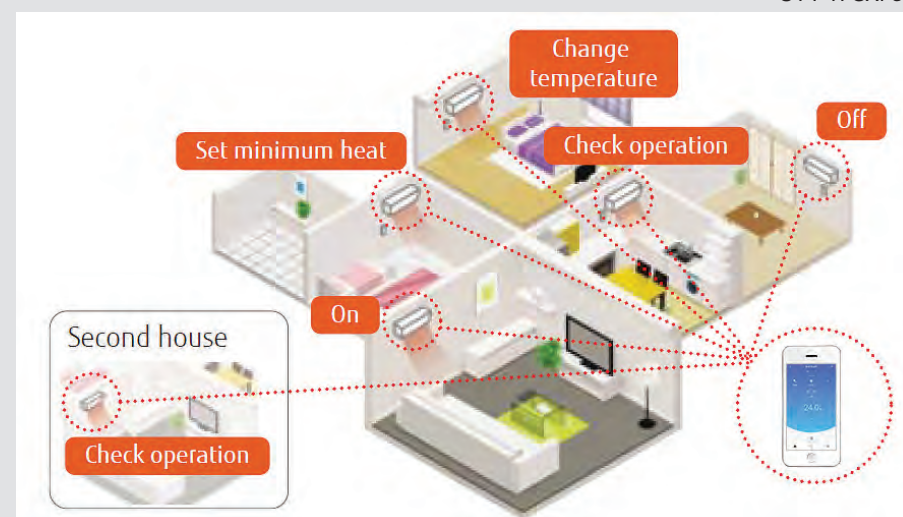
Using the Internet of Things (IoT), Fujitsu General actively provides services that allow users to control air conditioners from their smartphones. By using our Wireless LAN Interface and “FGLair” app, you can control your home’s cooling and heating anytime from anywhere.

### Wireless LAN Interface

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



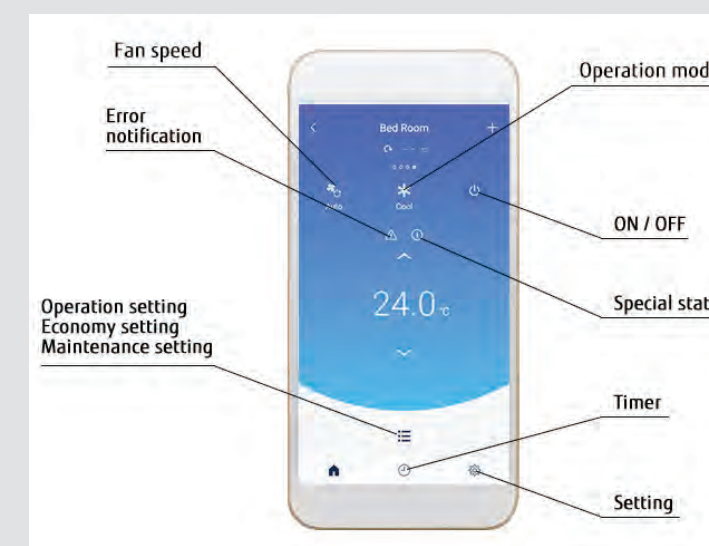
Wireless LAN Adapter  
UTY-TFSXF3



“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.



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

### Main functions

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

Scan to download **FGLair App**:

Download on the  
App Store



GET IT ON  
Google Play







# TROPICAL INVERTER 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

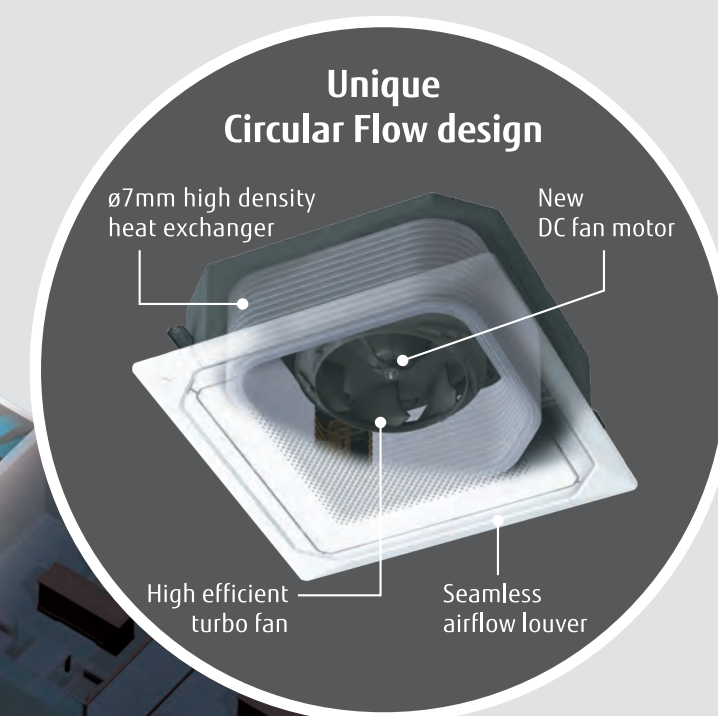
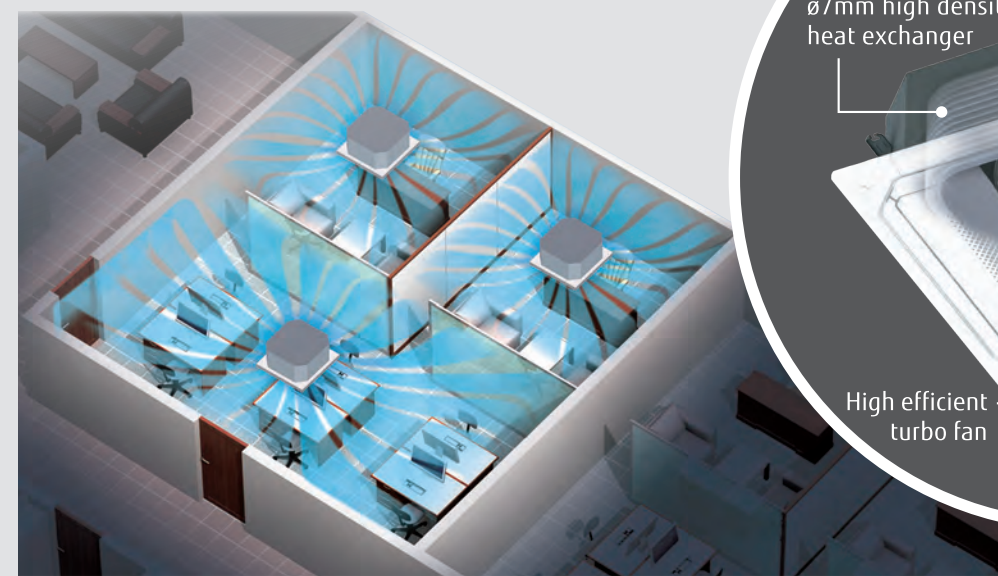


Seamless Airflow

## Corner Airflow



Uniform temperature air conditioning





TROPICAL INNOVATION INVERTER



CET Series

Star Rating:

Model Number: ASGG18CETB-B ASGG24CETB-B ASGG30CETB-B ASGG36CETB-B (LCAC)

Advanced Hyper Tropical Product Design

Double Swing Automatic-3D Airflow

Wide Range Wide Voltage Range 155V ~ 280V (18/24)

Silicon Coated PCB for Long Life

High Voltage Protection 700V (18/24)

Coanda Airflow(30/36)

PM 2.5 Filter

Self Diagnosis

Wireless LAN (Optional)

10 YEAR WARRANTY INVERTER COMPRESSOR

5 YEAR WARRANTY INVERTER/OUTDOOR PIPING

3 METRES PIPING KIT INCLUDED

Over 80% Cooling Capacity even at 52°C

Anti-Corrosion Copper Heat Exchanger  
Evaporator Epoxy Resin Coating Blue Fin Condenser

Full Inverter Technology for extreme savings at partial load

(ASGG18CETB-B) 1.65TR	0.38TR
(ASGG24CETB-B) 2.20TR	0.50TR
(ASGG30CETB-B) 2.75TR	0.87TR
(ASGG36CETB-B) 3.00TR	1.05TR

Max Capacity Min Capacity

Wireless Remote

Wired Remote for Group Controller (Optional)

Dual Suction Intake Design

Long Reach Airflow

18m ASGG18CETB-B

Air Circulation 1400 m³/hour

20m ASGG24CETB-B

Air Circulation 1500 m³/hour

25m ASGG30CETB-B ASGG36CETB-B

Air Circulation 1630 m³/hour

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGG18CETB-B	ASGG24CETB-B	ASGG30CETB-B	ASGG36CETB-B
	ODU Model Number	AOGG18CEAB-B	AOGG24CEAB-B	AOGG30CEAB-B	AOGG36CEAB-B
BEE Star Rating	-	5	5	4	5
Tonnage (Min~Max Cooling Capacity)	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	6.4	8.5	11.0	15.8
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	1,390 (150~1650)	1,890 (340~2350)	2,500 (540~2680)	3,590 (540~3590)
Power Consumption at 50% Capacity	W	420	580	820	1,100
EER at 100% Capacity	W/W	3.80	3.72	3.52	2.94
EER at 50% Capacity	W/W	6.29	6.07	5.37	4.80
Rated ISEER	kWh/kWh	5.34	5.19	4.74	4.10
Electricity Consumption per Annum	kWh	766	1050	1438	1992
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	716x820x315	788x940x320
Outdoor Unit Net Weight	kg	32.0	39	41	50.0
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
High Voltage Protection	V	~700V	~700V	~450V	~450V
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.		ASGG18CETB-B	ASGG24CETB-B	ASGG30CETB-B	ASGG36CETB-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			
	Resistance (To be measured with ground test meter)	<25 Ohms			
ODU to IDU Wiring	Maximum Operating Current in A *1	9.7	12.0	15.0	19.8
	Starting Current in A	6.4	8.5	11.0	15.8
	Connection Cord ODU to IDU in mm2	1.5	1.5	1.5	1.5
	No. of Cores - ODU to IDU	4	4	4	4
	Power Cable in mm2	1.5	1.5	2.5	4.0
	No of Cores - Power Supply	3	3	3	3
	Connection cable limited wiring length in m *2	21	31	51	51
Piping Size & Thickness	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 size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 9.52	Ø 9.52
Pipe Limitation & Additional Refrigerant Charge	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
	Maximum Height Difference in m	15	25	30	30
	Pre-Charged Refrigerant in g	950	900	1,150	1,150
	Standard Refrigerant Pre-Charged in m	15	15	20	20
	Additional Charge in g/m	20	20	40	40

NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.

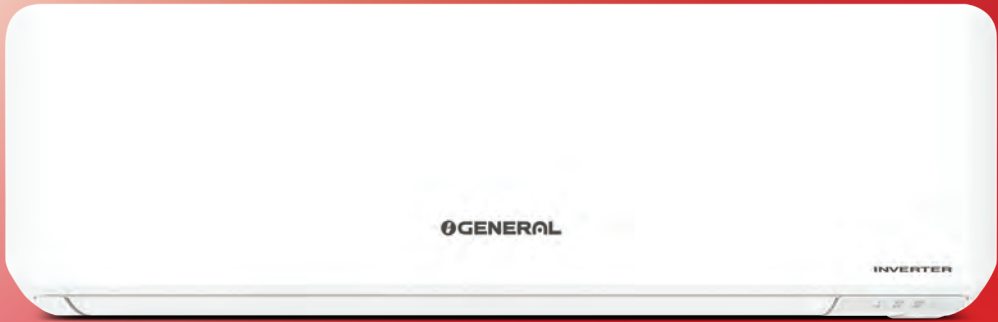
# Information is subject to change without prior notice.  
\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.  
\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.

60

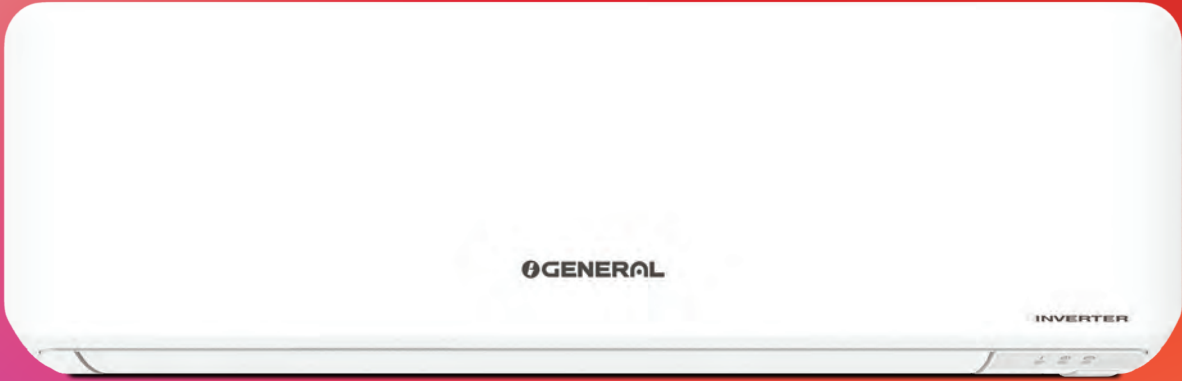
61



EFFICIENT & TROPICAL INVERTER



ASGG12CGAA-B



ASGG18CGAA-B  
ASGG24CGAA-B

CGA Series

Star Rating:  
Model Number: ASGG12CGAA-B ASGG18CGAA-B ASGG24CGAA-B

Human Sensor

ADVANCED-HYPER TROPICAL SPEC

R32

55°C  
Advanced Hyper Tropical Product Design

15m  
Coanda Airflow (18/24)

Wide Range  
Wide Voltage Range 155V ~ 280V

5 Star Rating

PM 2.5 Filter

Self Diagnosis

0.5°C Precision Temperature Control

Backlit Remote

Energy Saving With Human Sensor

Double  
Double Swing Automatic-3D Airflow (18/24)

Silicon Coated PCB for Long Life

High Voltage Protection 700V

5 Speed Fan Control

POWERFUL  
Powerful Mode

Wireless LAN (Optional)

10 YEAR WARRANTY  
INVERTER COMPRESSOR

5 YEAR WARRANTY  
INVERTER OUTDOOR UNIT

3 METRES PIPING KIT INCLUDED

Over 80% Cooling Capacity even at 49°C

Anti-Corrosion Copper Heat Exchanger

Full Inverter Technology for extreme savings at partial load

ASGG12CGAA-B ASGG18CGAA-B ASGG24CGAA-B

Wireless Remote

Wired Remote for Group Controller (Optional)

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGG12CGAA-B	ASGG18CGAA-B	ASGG24CGAA-B
	ODU Model Number	AOGG12CGAA-B	AOGG18CGAA-B	AOGG24CGAA-B
BEE Star Rating	-	5	5	5
Tonnage (Min~Max Cooling Capacity)	TR	1.0 (0.25~1.10)	1.5 (0.38~1.65)	2.0 (0.50~2.20)
Power Supply	Ph-Hz-V	1 -50-230	1 -50-230	1 -50-230
Running Current	A	4.6	6.6	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)	1,440 (150~1700)	1,935 (340~2350)
Power Consumption at 50% Capacity	W	300	440	610
EER at 100% Capacity	W/W	3.63	3.67	3.64
EER at 50% Capacity	W/W	5.87	6.00	5.77
Rated ISEER	kWh/kWh	5.04	5.12	5.00
Electricity Consumption per Annum	kWh	541	798	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	270x834x239	280x980x240	280x980x240
Indoor Unit Net Weight	kg	10.0	12.5	12.5
Outdoor Unit Dimensions HxWxD	mm	542x663x290	632x799x290	716x820x315
Outdoor Unit Net Weight	kg	23	31	39
Indoor Noise Level-Quiet	dB(A)	22	31	31
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
High Voltage Protection	V	~700V	~700V	~700V
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

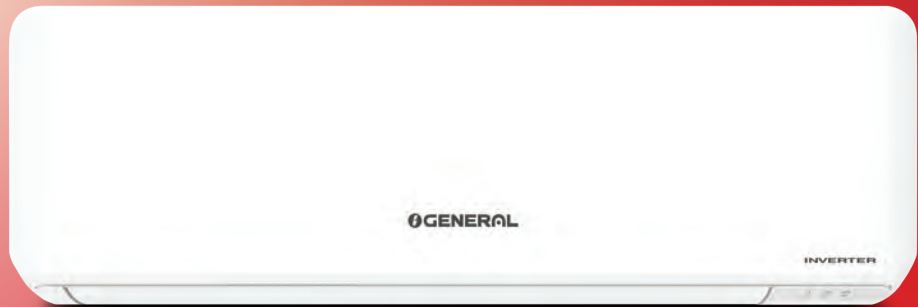
Unit Capacity		1.0-Ton		1.5-Ton	2.0-Ton
Model No.		ASGG12CGAA-B		ASGG18CGAA-B	ASGG24CGAA-B
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT			
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase			
	Proper Earthing	Mandatory			
	Main Power N & E	± 3 Volts			
	Resistance (To be measured with ground test meter)	<25 Ohms			
ODU to IDU Wiring	Maximum Operating Current in A *1	6.4	9.7	12.0	
	Starting Current in A	4.6	6.6	8.7	
	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	1.5	
	No of Cores - Power Supply	3	3	3	
	Connection cable limited wiring length in m *2	21	21	31	
Piping Size & Thickness	Circuit Breaker Current in A	15	15	15	
	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	480	700	900	
	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.

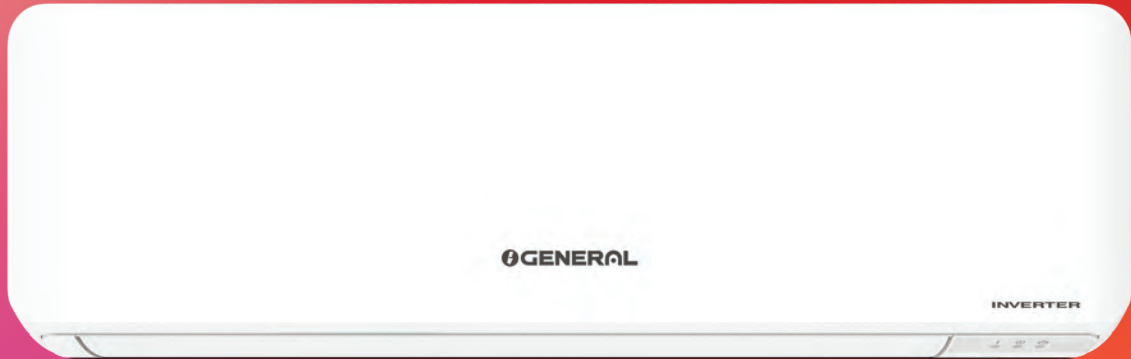
\*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 84 for specific modelwise features.



TROPICAL INVERTER



ASGG12CPAB-B  
ASGG18CNAA-B

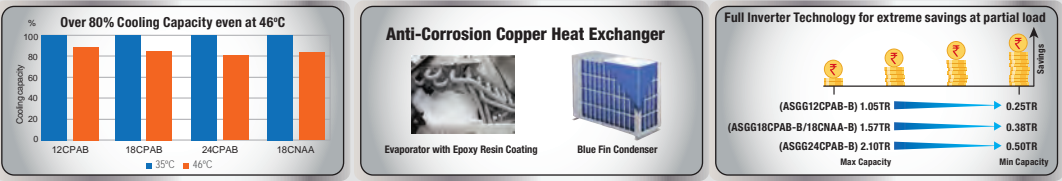


ASGG18CPAB-B  
ASGG24CPAB-B

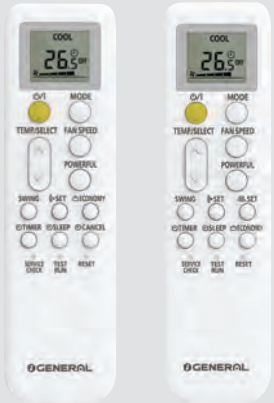
CPA/CNA Series

Star Rating:

Model Number: ASGG12CPAB-B ASGG18CPAB-B ASGG24CPAB-B ASGG18CNAA-B



ASGG12CPAB-B ASGG18CNAA-B ASGG18CPAB-B ASGG24CPAB-B



Wireless Remote



Wired Remote for Group Controller (Optional)

\*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 85 for specific modelwise features.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGG12CPAB-B	ASGG18CPAB-B	ASGG24CPAB-B	ASGG18CNAA-B
	ODU Model Number	AOGG12CPAB-B	AOGG18CPAB-B	AOGG24CPAB-B	AOGG18CNAA-B
BEE Star Rating	-	3	3	3	3
Tonnage (Min~Max Cooling Capacity)	TR	1.0 (0.25~1.05)	1.5 (0.38~1.57)	2.0 (0.50~2.10)	1.5 (0.38~1.57)
Power Supply	Ph-Hz-V	1φ-50-230			
Running Current	A	5.9	8.5	11.5	8.9
Standard Cooling at 100% Capacity (Min~Max)	W	3,520 (880~3700)	5,280 (1320~5540)	7,040 (1760~7390)	5,280 (1320~5540)
Standard Cooling at 50% Capacity	W	1,760	2,640	3,520	2,640
Power Consumption at 100% Capacity (Min~Max)	W	1,220 (220~1230)	1,840 (270~1940)	2,560 (380~2790)	1,960 (270~1960)
Power Consumption at 50% Capacity	W	400	550	745	570
EER at 100% Capacity	W/W	2.89	2.87	2.75	2.69
EER at 50% Capacity	W/W	4.40	4.80	4.72	4.63
Rated ISEER	kWh/kWh	3.88	4.05	3.94	3.86
Electricity Consumption per Annum	kWh	702	1008	1383	1059
Moisture Removal	l/h	1.5	1.9	2.7	1.9
Indoor Fan Speed Control Levels	-	5	5	5	5
Indoor Airflow Volume-High	m3/h	700	1170	1170	940
Indoor Airflow Distance	m	10	15	15	15
Indoor Unit Dimensions HxWxD	mm	270x834x239	280x980x240	280x980x240	270x834x239
Indoor Unit Net Weight	kg	10.0	12.5	12.5	10.0
Outdoor Unit Dimensions HxWxD	mm	541x663x290	541x663x290	632x799x290	541x663x290
Outdoor Unit Net Weight	kg	20.0	25.0	33.0	25.0
Indoor Noise Level-Quiet	dB(A)	22	28	30	28
Connection Pipe (Gas / Liquid)	mm	9.52 / 6.35	12.70 / 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)
Max Height Difference	m	15	15	20	15
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 ~ 280V	155V ~ 280V
High Voltage Protection	V	~700V	~700V	~700V	~700V
Refrigerant Type	Non-CFC	R32	R32	R32	R32
Compressor Type	-	Advanced Hyper Tropical Rotary	Advanced Hyper Tropical Rotary	Advanced Hyper Tropical Twin Rotary	Advanced Hyper Tropical 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.

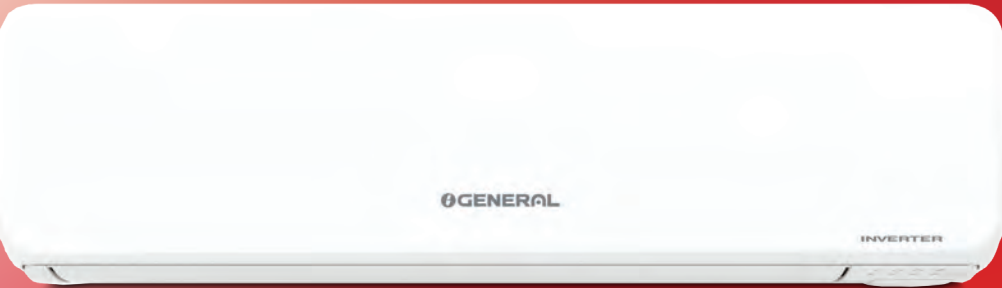
INSTALLATION CHECK POINTS

Unit Capacity		1.0-Ton	1.5-Ton	2.0-Ton	1.5-Ton
Model No.		ASGG12CPAB-B	ASGG18CPAB-B	ASGG24CPAB-B	ASGG18CNAA-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			
	Resistance (To be measured with ground test meter)	<25 Ohms			
ODU to IDU Wiring	Maximum Operating Current in A *1	8.5	11.5	13.5	10.0
	Starting Current in A	5.9	8.5	11.5	8.9
	Connection Cord ODU to IDU in mm²	1.5	1.5	1.5	1.5
	No. of Cores - ODU to IDU	4	4	4	4
	Power Cable in mm²	1.5	1.5	1.5	1.5
	No of Cores - Power Supply	3	3	3	3
	Connection cable limited wiring length in m *2	21	21	26	21
Piping Size & Thickness	Circuit Breaker Current in A	15	15	15	15
	Type of Gas	R32	R32	R32	R32
	Copper Pipe Thickness in mm	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
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 9.52	Ø 12.70	Ø 12.70	Ø 12.70
	Minimum Pipe Length in m	3	3	3	3
	Maximum Pipe Length in m	20	20	25	20
	Maximum Height Difference in m	15	15	20	15
	Pre-Charged Refrigerant in g	450	850	850	650
	Standard Refrigerant Pre-Charged in m	10	10	15	10
	Additional Charge in g/m	20	20	20	20
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.					

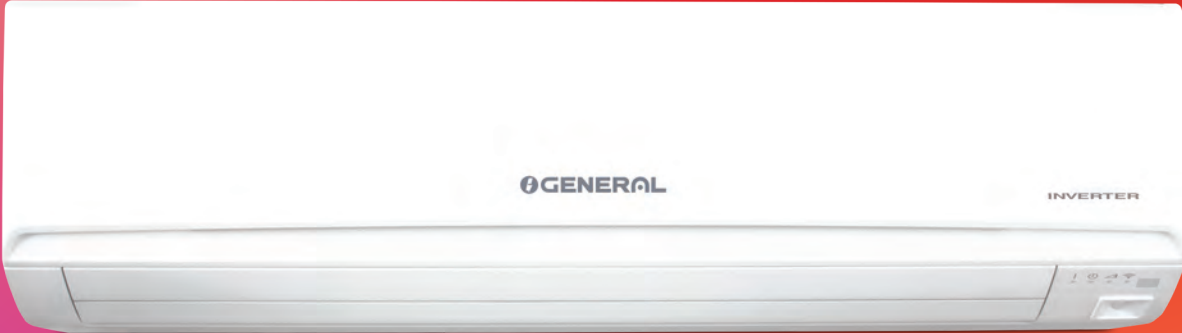
# Information is subject to change without prior notice.  
\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.  
\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.



EFFICIENT & TROPICAL INVERTER - HOT & COLD



ASGG18KJTA-B  
ASGG24KJTA-B



ASGG30KJTA-B

KJT Series

Star Rating:

Model Number:

ASGG18KJTA-B

ASGG24KJTA-B

ASGG30KJTA-B

Human Sensor

ADVANCED HYPER TROPICAL SPEC

R32

55°C

Advanced Hyper Tropical Product Design

25m

Coanda Airflow (30)

V

Wide Range

Wide Voltage Range 155V ~ 265V

5 Stars

5 Star Rating (18)

PM 2.5 Filter

10°C

HEAT

10°C Heat Operation

MODE AUTO COOL DRY FAN HEAT 23.5°C

0.5°C Precision Temperature Control

24.5°C

Backlit Remote

Energy Saving With Human Sensor

Double

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

Over 80% Cooling Capacity even at 49°C

Anti-Corrosion Copper Heat Exchanger

Full Inverter Technology for extreme savings at partial load



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 Cooling Capacity)	Cooling	TR	1.5 (0.38~1.65)	2.0 (0.50~2.20)	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	1 -50-230	1 -50-230	1 -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)	8,210 (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)	8,800 (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	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

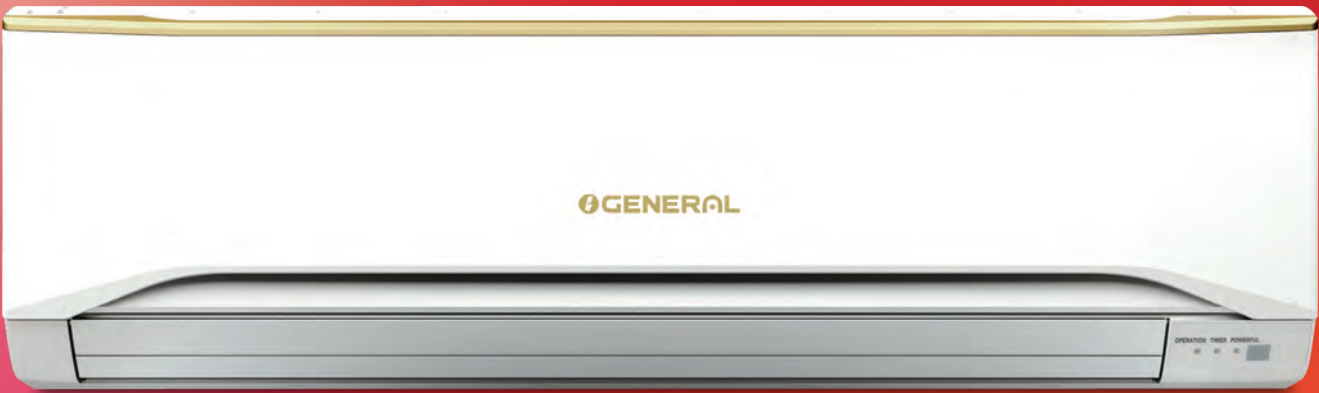
Unit Capacity		1.5-Ton	2.0-Ton	2.5-Ton
Model No.		ASGG18KJTA-B	ASGG24KJTA-B	ASGG30KJTA-B
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT		
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase		
	Proper Earthing	Mandatory		
	Main Power N & E	± 3 Volts		
	Resistance (To be measured with ground test meter)	<25 Ohms		
ODU to IDU Wiring	Maximum Operating Current in A *1	10.7	16.3	20.8
	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
	No of Cores - Power Supply	3	3	3
	Connection cable limited wiring length in m *2	21	31	51
Piping Size & Thickness	Circuit Breaker Current in A	15	20	30
	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	1.0	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 9.52
Pipe Limitation & Additional Refrigerant Charge	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	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.

\*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 86 for specific modelwise features.



TROPICAL INNOVATION SPLIT



BUT Series

Star Rating:



Model Number: ASGA18BUTA-B

ASGA24BUTA-B



Wireless Remote

Dual Suction Intake Design

Long-reach Airflow

18m  
ASGA18BUTA-B  
Air Circulation  
1400 m³/hour

20m  
ASGA24BUTA-B  
Air Circulation  
1480 m³/hour

\*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	ASGA18BUTA-B	ASGA24BUTA-B
	ODU Model Number	AOGA18BUAAHB	AOGA24BUAAHB
BEE Star Rating	-	3	3
Tonnage	TR	1.5	2.0
Power Supply	Ph-Hz-V	1 -50-230	1 -50-230
Running Current	A	6.1	8.2
Standard Cooling at 100% Capacity	W	5,300	7,050
Power Consumption at 100% Capacity	W	1,360	1,850
Rated ISEER	kWh/kWh	3.90	3.81
Electricity Consumption per Annum	kWh	1053	1432
Moisture Removal	l/h	1.0	2.2
Indoor Fan Speed Control Levels	-	6	6
Indoor Airflow Volume-High/Powerful	m3/h	1140/1400	1230/1480
Indoor Airflow Distance	m	18	20
Indoor Unit Dimensions HxWxD	mm	340 x 1150 x 280	340 x 1150 x 280
Indoor Unit Net Weight	kg	16.0	17.0
Outdoor Unit Dimensions HxWxD	mm	594x810x301	752x910x330
Outdoor Unit Net Weight	kg	38.5	56.0
Indoor Noise Level-Quiet	dB(A)	35	38
Connection Pipe (Gas / Liquid)	mm	15.88 / 6.35	15.88 / 6.35
Pipe Length Min-Max (Precharged)	m	3~15 (5)	3~15 (5)
Max Height Difference	m	10	10
Ambient Operating Temperature Range	°C	18°C ~ 52°C	18°C ~ 52°C
Operating Voltage Range	V	195V ~ 265V	195V ~ 265V
Refrigerant Type	Non-CFC	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary
Evaporator & Condenser Coil Material	-	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
Model No.		ASGA18BUTA-B	ASGA24BUTA-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	
	Resistance (To be measured with ground test meter)	<25 Ohms	
ODU to IDU Wiring	Maximum Operating Current in A *1	9.2	13.1
	Starting Current in A	5.8	7.9
	Connection Cord ODU to IDU in mm²	1.5	1.5
	No. of Cores - ODU to IDU	4	4
	Power Cable in mm²	2.5—3.5	2.5—3.5
	No of Cores - Power Supply	3	3
	Connection cable limited wiring length in m *2	16	16
Piping Size & Thickness	Circuit Breaker Current in A	20	20
	Type of Gas	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 15.88	Ø 15.88
	Minimum Pipe Length in m	3	3
	Maximum Pipe Length in m	15	15
	Maximum Height Difference in m	10	10
	Pre-Charged Refrigerant in g	880	1840
	Standard Refrigerant Pre-Charged in m	5.0	5.0
	Additional Charge in g/m	15	20

NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.

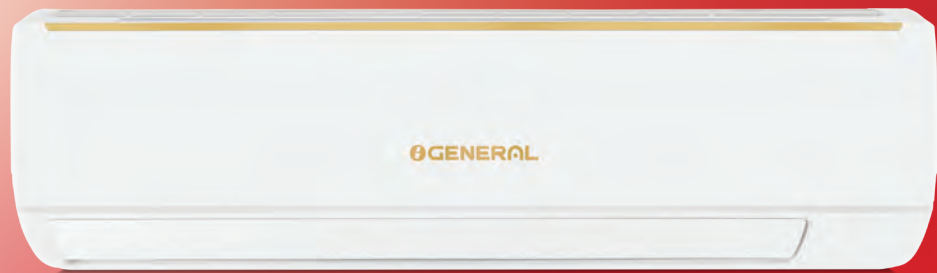
# Information is subject to change without prior notice.

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

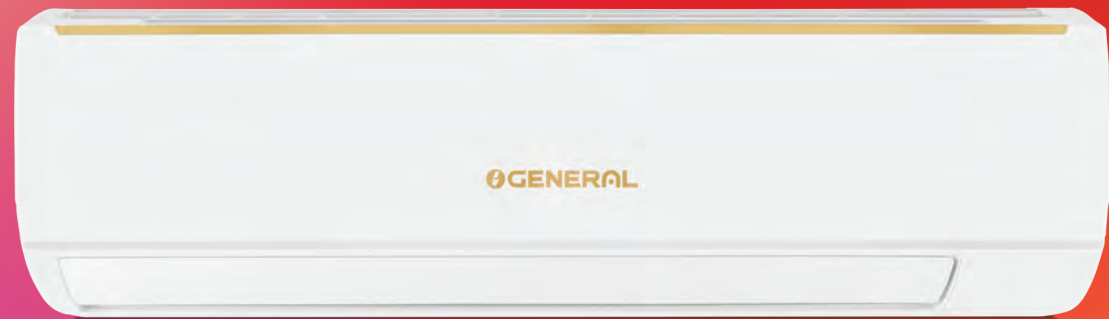
\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.



EXTREME COOLING SPLIT



ASGA14BMAA-B



ASGA18BMAA-B

ASGA24BMAA-B

BMA Series

Star Rating:

Model Number: ASGA14BMAA-B ASGA18BMAA-B ASGA24BMAA-B

Hyper Tropical Product Design

Coanda Airflow

6 Speed Fan Control

Self Diagnosis

Quiet Operation

High Voltage Protection 700V

Integrated ON - OFF Timer

Powerful Mode

Conformal Coated PCB for Long Life

Temperature Display

Backlit Remote

3 METRES PIPING KIT INCLUDED

Blue Fin Condenser

Blue Fin Evaporator

1.137 TR High Capacity (ASGA14BMAA-B)

HYPER TROPICAL SPEC

R32

Wireless Remote

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGA14BMAA-B	ASGA18BMAA-B	ASGA24BMAA-B
	ODU Model Number	AOGA14BMAA-B	AOGA18BMAA-B	AOGA24BMAA-B
BEE Star Rating	-	3	3	3
Tonnage	TR	1.137	1.5	2.0
Power Supply	Ph-Hz-V	1 -50-230	1 -50-230	1 -50-230
Running Current	A	4.6	6.1	8.1
Standard Cooling at 100% Capacity	W	4,000	5,300	7,050
Power Consumption at 100% Capacity	W	1,020	1,380	1,850
Rated ISEER	kWh/kWh	3.92	3.84	3.81
Electricity Consumption per Annum	kWh	790	1068	1432
Moisture Removal	l/h	0.17	0.71	1.92
Indoor Fan Speed Control Levels	-	6	6	6
Indoor Airflow Volume-Powerful	m3/h	1100	1400	1450
Indoor Airflow Distance	m	10	15	15
Indoor Unit Dimensions HxWxD	mm	295 x 1000 x 230	330 x 1100 x 250	330 x 1100 x 250
Indoor Unit Net Weight	kg	11.0	14.2	15.0
Outdoor Unit Dimensions HxWxD	mm	594 x 810 x 301	594 x 810 x 301	755 x 963 x 385
Outdoor Unit Net Weight	kg	31.7	38.5	51.3
Indoor Noise Level-Quiet	dB(A)	41	43	44
Connection Pipe (Gas / Liquid)	mm	12.70 / 6.35	12.70 / 6.35	15.88 / 6.35
Pipe Length Min-Max (Precharged)	m	3~15 (5)	3~15 (5)	3~15 (5)
Max Height Difference	m	10	10	10
Ambient Operating Temperature Range	°C	18°C ~ 52°C	18°C ~ 52°C	18°C ~ 52°C
Operating Voltage Range	V	195V ~ 265V	195V ~ 265V	195V ~ 265V
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper 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	2.0-Ton
Model No.		ASGA14BMAA-B	ASGA18BMAA-B	ASGA24BMAA-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		
	Resistance (To be measured with ground test meter)	<25 Ohms		
ODU to IDU Wiring	Maximum Operating Current in A *1	6.3	8.6	11.6
	Starting Current in A	NA	NA	NA
	Connection Cord ODU to IDU in mm²	1.5—2.5	1.5—2.5	2.5—3.5
	No. of Cores - ODU to IDU	3	3	3
	Power Cable in mm²	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 *2	16	16	16
Piping Size & Thickness	Circuit Breaker Current in A	16	20	20
	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 12.70	Ø 12.70	Ø 15.88
	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	15	15	15
	Maximum Height Difference in m	10	10	10
	Pre-Charged Refrigerant in g	860	880	1,770
	Standard Refrigerant Pre-Charged in m	5	5	5
	Additional Charge in g/m	15	15	15
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.				

\*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.

# 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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EFFICIENT & TROPICAL INVERTER CASSETTE



CR Series

Star Rating:

Model Number:

AUGA25CRTA-B

AUGA36CRTA-B (LCAC)

AUGA48CRAA-B (LCAC)

High Lift Drain Pump

Suitable for High Ceiling

Fresh Air Intake & Distribution Duct

Full Inverter Technology for extreme savings at partial load

Wireless Remote

Wired Remote (Optional)

\*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 88 for specific modelwise features.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	AUGG25CRTA-B	AUGG36CRTA-B	AUGG48CRAA-B
	ODU Model Number	AOGG25CRTA-B	AOGG36CRTA-B	AOZG48CRAA-B
BEE Star Rating	-	5	5 (LCAC)	5 (LCAC)
Tonnage (Min~Max Cooling Capacity)	TR	2.0(0.5~2.2)	3.0(0.8~3.30)	4.0(0.9~4.1)
Power Supply	Ph-Hz-V	1 -50-230	1 -50-230	3 -50-400
Running Current	A	8.9	13.2	6.35
Standard Cooling at 100% Capacity (Min~Max)	W	7,100(1750~7730)	10,550(2640~11600)	14,070(3280~15470)
Standard Cooling at 50% Capacity	W	3,550	5,280	7,040
Power Consumption at 100% Capacity (Min~Max)	W	2,020(200~2290)	2,980(400~3410)	3,960(600~4180)
Power Consumption at 50% Capacity	W	575	920	1,260
EER at 100% Capacity	W/W	3.51	3.54	3.55
EER at 50% Capacity	W/W	6.17	5.74	5.59
Rated ISEER	kWh/kWh	5.09	4.92	4.86
Electricity Consumption per Annum	kWh	1079	1660	2241
Moisture Removal	l/h	2.5	2.7	5.5
Indoor Fan Speed Control Levels	-	4	4	4
Indoor Airflow Volume-High	m3/h	1150	2000	2100
Indoor Unit Dimensions HxWxD	mm	246x840x840	288x840x840	288x840x840
Indoor Unit Net Weight	kg	24.0	29.0	29.0
Grille Dimensions HxWxD	mm	53x950x950	53x950x950	53x950x950
Outdoor Unit Dimensions HxWxD	mm	632x799x290	788x940x320	1418x970x370
Outdoor Unit Net Weight	kg	36.0	53.0	90.0
Indoor Noise Level-Quiet	dB(A)	29	34.0	38.0
Connection Pipe (Gas / Liquid)	mm	12.70 / 6.35	15.88 / 9.52	15.88 / 9.52
Pipe Length Min~Max (Precharged)	m	5~30(20)	5~50(30)	5~55(30)
Max Height Difference	m	25	30	30
Ambient Operating Temperature Range	°C	21°C ~ 55°C	21°C ~ 55°C	21°C ~ 55°C
Operating Voltage Range	V	198 ~ 264	198 ~ 264	342 ~ 457
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper 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		2.0-Ton		3.0-Ton	4.0-Ton
Model No.		AUGG25CRTA-B		AUGG36CRTA-B	AUGG48CRAA-B
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT			
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase			400 Volts/50Hz/3 Phase
	Proper Earthing	Mandatory			
	Main Power N & E	± 3 Volts			
	Resistance (To be measured with ground test meter)	<25 Ohms			
ODU to IDU Wiring	Maximum Operating Current in A *1	11.5	16.9	8.20	
	Starting Current in A	8.9	13.2	6.35	
	Connection Cord ODU to IDU in mm²	1.5—2.5	1.5—2.5	1.5—2.5	
	No. of Cores - ODU to IDU	4	4	4	
	Power Cable in mm²	2.5—3.5	3.5	3.5	
	No of Cores - Power Supply	3	3	5	
	Connection cable limited wiring length in m *2	31	51	56	
Piping Size & Thickness	Circuit Breaker Current in A	30	30	30	
	Type of Gas	R32	R32	R32	
	Copper Pipe Thickness in mm	1.0	1.0	1.0	
	Pipe size-Liquid in mm	Ø 6.35	Ø 9.52	Ø 9.52	
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 12.70	Ø 15.88	Ø 15.88	
	Minimum Pipe Length in m	5	5	5	
	Maximum Pipe Length in m	30	50	55	
	Maximum Height Difference in m	25	30	30	
	Pre-Charged Refrigerant in g	1,070	1,700	3,000	
	Standard Refrigerant Pre-Charged in m	20	30	30	
	Additional Charge in g/m	20	40	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.



TROPICAL CASSETTE



BRT Series

Star Rating:  
Model Number: AUGA25BRTA-B

High Lift Drain Pump

Fresh Air Intake & Distribution Duct

Suitable for High Ceiling

Wireless Remote

Wired Remote (Optional)

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	AUGA25BRTA-B
	ODU Model Number	AOGA25BRWA-B
BEE Star Rating	-	3
Tonnage	TR	2.0
Power Supply	Ph-Hz-V	1 -50-230
Running Current	A	8.3
Standard Cooling at 100% Capacity	W	7,100
Power Consumption at 100% Capacity	W	1,825
Rated ISEER	kWh/kWh	3.89
Electricity Consumption per Annum	kWh	1413
Moisture Removal	l/h	2.7
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	752x910x330
Outdoor Unit Net Weight	kg	59.0
Indoor Noise Level-Quiet	dB(A)	29
Connection Pipe (Gas / Liquid)	mm	15.88 / 6.35
Pipe Length Min~Max (Precharged)	m	5~25 (7)
Max Height Difference	m	15.0
Ambient Operating Temperature Range	°C	18°C ~ 52°C
Operating Voltage Range	V	195V ~ 265V
Refrigerant Type	Non-CFC	R32
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		2.0-Ton
Model No.		AUGA25BRTA-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
	Resistance (To be measured with ground test meter)	<25 Ohms
ODU to IDU Wiring	Maximum Operating Current in A *1	8.3
	Starting Current in A	NA
	Connection Cord ODU to IDU in mm²	1.5—2.5
	No. of Cores - ODU to IDU	4
	Power Cable in mm²	2.5—3.5
	No of Cores - Power Supply	3
	Connection cable limited wiring length in m *2	26
Piping Size & Thickness	Circuit Breaker Current in A	30
	Type of Gas	R32
	Copper Pipe Thickness in mm	1.0
	Pipe size-Liquid in mm	Ø 6.35
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 15.88
	Minimum Pipe Length in m	5
	Maximum Pipe Length in m	25
	Maximum Height Difference in m	15
	Pre-Charged Refrigerant in g	1,750
	Standard Refrigerant Pre-Charged in m	7
	Additional Charge in g/m	20
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.		

\*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.

# 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 WINDOW



AFGB14CHWA-B  
AXGB18CHAA-B  
AXGB22CHAA-B

CH Series

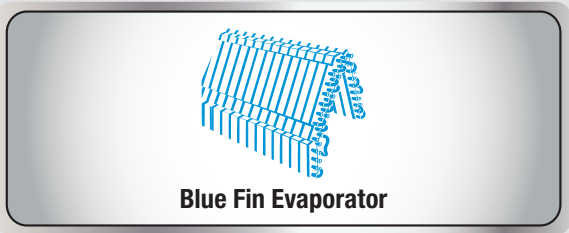
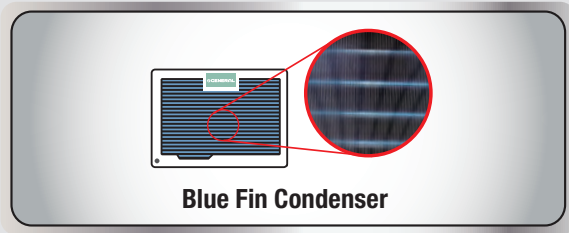
Star Rating:



Model Number: AFGB14CHWA-B

AXGB18CHAA-B

AXGB22CHAA-B

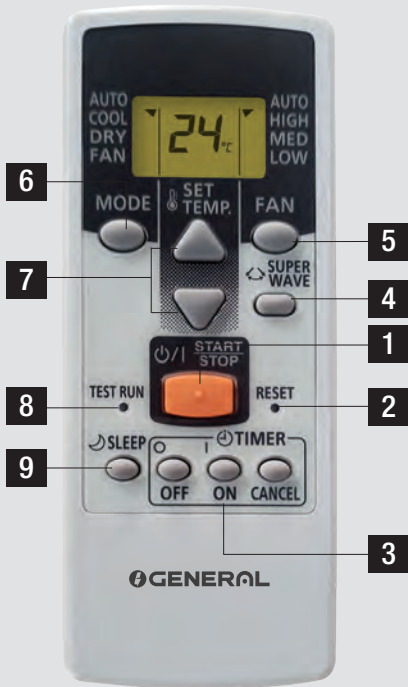


TECHNICAL SPECIFICATIONS

PARAMETERS	Model Number	AFGB14CHWA-B	AXGB18CHAA-B	AXGB22CHAA-B
BEE Star Rating	-	5	5	5
Tonnage (Min-Max Cooling Capacity)	TR	1.17 (0.58~1.25)	1.5 (0.55~1.76)	1.79 (0.57~2.02)
Power Supply	Ph-Hz-V	1 -50-230	1 -50-230	1 -50-230
Running Current	A	5.8	7.0	8.5
Standard Cooling at 100% Capacity (Min-Max)	W	4,110 (2055~4400)	5,300 (1950~6200)	6,300 (2000~7100)
Standard Cooling at 50% Capacity	W	2,055	2,650	3,150
Power Consumption at 100% Capacity (Min-Max)	W	1,270 (595~1405)	1,650 (550~2130)	2,030 (570~2300)
Power Consumption at 50% Capacity	W	595	760	920
EER at 100% Capacity	W/W	3.23	3.21	3.10
EER at 50% Capacity	W/W	3.45	3.49	3.42
Rated ISEER	kWh/kWh	3.58	3.59	3.50
Electricity Consumption per Annum	kWh	888	1143	1394
Moisture Removal	l/h	1.5	2.2	3.1
Indoor Fan Speed Control Levels	-	3	3	3
Indoor Airflow Volume-High	m3/h	710	780	780
Unit Dimensions HxWxD	mm	429x661x706	429x661x778	429x661x778
Unit Net Weight	kg	46.1	46.8	52.5
Indoor Noise Level-Low	dB(A)	48	55	56
Ambient Operating Temperature Range	°C	18°C ~ 52°C	18°C ~ 52°C	18°C ~ 52°C
Operating Voltage Range	V	195V ~ 265V	195V ~ 265V	195V ~ 265V
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper Tropical Rotary
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.

REMOTE CONTROLLER FEATURES



- 1 START/STOP BUTTON
- 2 RESET BUTTON
- 3 TIMER BUTTON
- 4 SUPER WAVE BUTTON
- 5 FAN BUTTON
- 6 MODE BUTTON
- 7 SET TEMPERATURE (▲/▼) BUTTON
- 8 TEST RUN BUTTON
- 9 SLEEP BUTTON

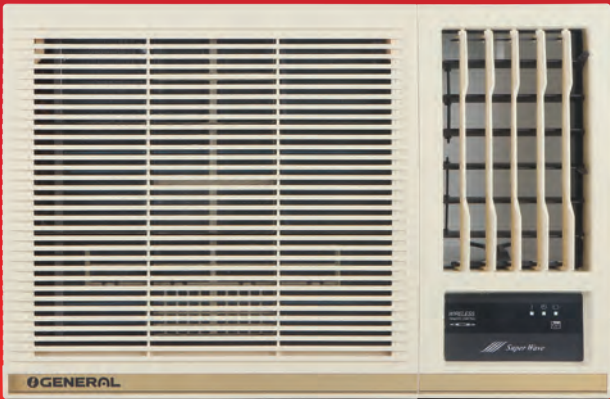
\*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 90 for specific modelwise features.



TROPICAL WINDOW



AMGB09BBWA-B



AFGB14BBAA-B  
AXGB18BBAA-B  
AXGB22BBAA-B

BB Series

Star Rating:  
Model Number: AMGB09BBWA-B AFGB14BBAA-B AXGB18BBAA-B AXGB22BBAA-B



Hyper Tropical Product Design

Super Wave Technology

Restart  
Auto Restart

Backlit Remote

High  
Med  
Low  
3 Speed Fan Control

Integrated  
ON - OFF Timer

Conformal Coated  
PCB for Long Life

High Voltage  
Protection 700V

Blue Fin Condenser

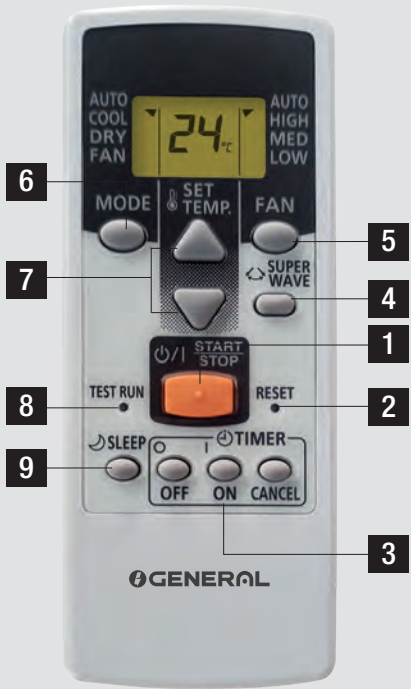
Blue Fin Evaporator

TECHNICAL SPECIFICATIONS

PARAMETERS	Model Number	AMGB09BBWA-B	AFGB14BBAA-B	AXGB18BBAA-B	AXGB22BBAA-B
BEE Star Rating	-	3	3	3	3
Tonnage	TR	0.84	1.17	1.5	1.79
Power Supply	Ph-Hz-V	1 -50-230	1 -50-230	1 -50-230	1 -50-230
Running Current	A	4.2	5.6	7.5	8.5
Standard Cooling at 100% Capacity	W	2,950	4,110	5,300	6,300
Power Consumption at 100% Capacity	W	921	1,270	1,700	1,950
Rated ISEER	kWh/kWh	3.2	3.24	3.12	3.23
Electricity Consumption per Annum	kWh	713	983	1316	1510
Moisture Removal	l/h	1.2	1.3	1.9	2.8
Indoor Fan Speed Control Levels	-	3	3	3	3
Indoor Airflow Volume-High	m3/h	460	800	950	950
Unit Dimensions HxWxD	mm	375x560x578	429x661x706	429x661x778	429x661x778
Unit Net Weight	kg	42.0	48.4	56.0	62.3
Indoor Noise Level-Low	dB(A)	45	51	56	56
Ambient Operating Temperature Range	°C	18°C ~ 52°C	18°C ~ 52°C	18°C ~ 52°C	18°C ~ 52°C
Operating Voltage Range	V	195V ~ 265V	195V ~ 265V	195V ~ 265V	195V ~ 265V
Refrigerant Type	Non-CFC	R32	R32	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper 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]. 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.

REMOTE CONTROLLER FEATURES



- 1 START/STOP BUTTON
- 2 RESET BUTTON
- 3 TIMER BUTTON
- 4 SUPER WAVE BUTTON
- 5 FAN BUTTON
- 6 MODE BUTTON
- 7 SET TEMPERATURE (▲/▼) BUTTON
- 8 TEST RUN BUTTON
- 9 SLEEP BUTTON

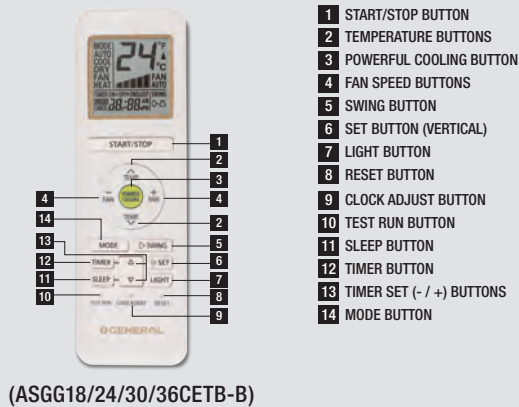
\*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 90 for specific modelwise features.



FEATURE PACKED WIRELESS REMOTE CONTROLLERS

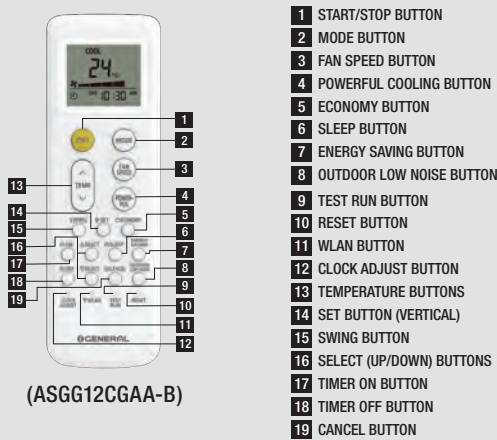
Inverter Split Air Conditioners

TROPICAL INNOVATION INVERTER



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

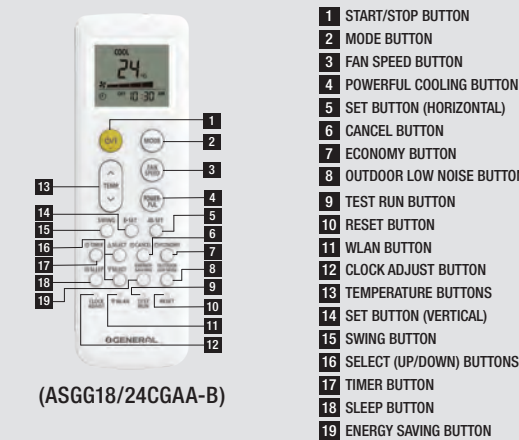
EFFICIENT & TROPICAL INVERTER



- 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

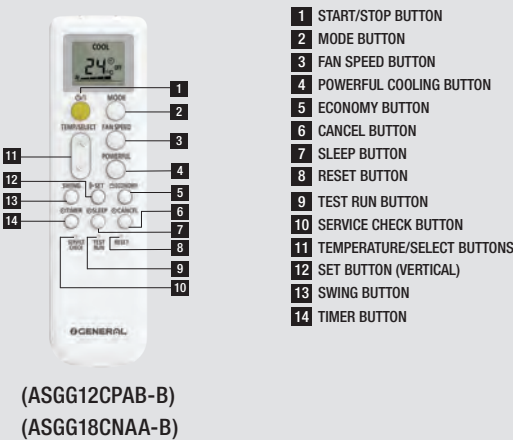


EFFICIENT & TROPICAL INVERTER



- 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

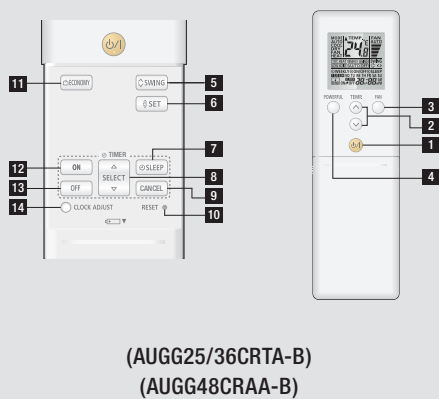
TROPICAL INVERTER



- 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

Inverter Cassette Air Conditioners

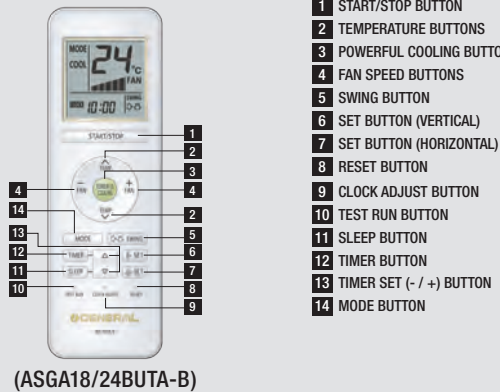
EFFICIENT & TROPICAL INVERTER CASSETTE



- 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

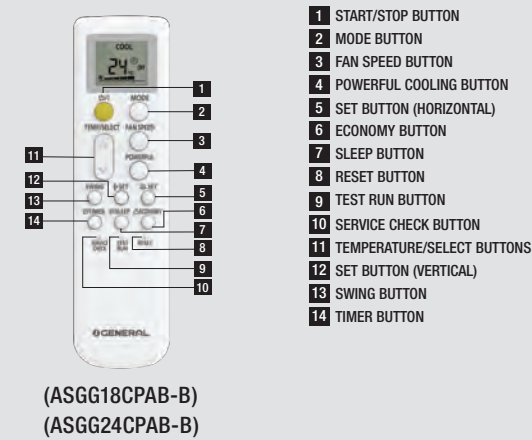
Fixed Speed Split Air Conditioners

TROPICAL INNOVATION SPLIT



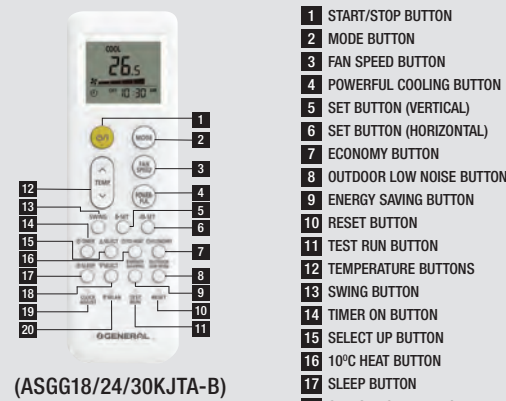
- 1 START/STOP BUTTON
- 2 TEMPERATURE BUTTONS
- 3 POWERFUL COOLING BUTTON
- 4 FAN SPEED BUTTONS
- 5 SWING BUTTON
- 6 SET BUTTON (VERTICAL)
- 7 SET BUTTON (HORIZONTAL)
- 8 RESET BUTTON
- 9 CLOCK ADJUST BUTTON
- 10 TEST RUN BUTTON
- 11 SLEEP BUTTON
- 12 TIMER BUTTON
- 13 TIMER SET (- / +) BUTTON
- 14 MODE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

TROPICAL INVERTER



- 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

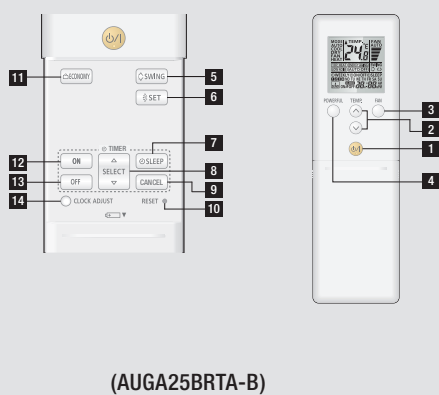
EFFICIENT & TROPICAL INVERTER - HOT & COLD



- 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

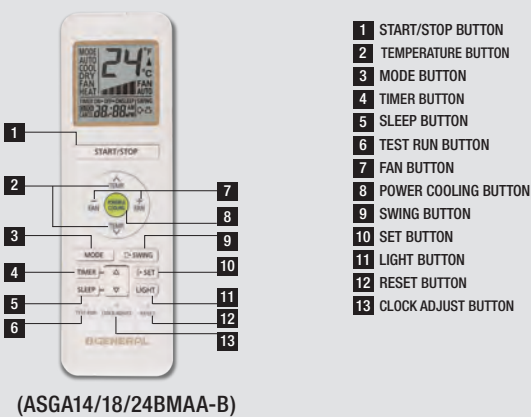
Fixed Speed Cassette Air Conditioners

TROPICAL CASSETTE



- 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



- 1 START/STOP BUTTON
- 2 TEMPERATURE BUTTON
- 3 MODE BUTTON
- 4 TIMER BUTTON
- 5 SLEEP BUTTON
- 6 TEST RUN BUTTON
- 7 FAN BUTTON
- 8 POWER COOLING BUTTON
- 9 SWING BUTTON
- 10 SET BUTTON
- 11 LIGHT BUTTON
- 12 RESET BUTTON
- 13 CLOCK ADJUST 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.



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



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



**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 easy.



**Silicon / Conformal 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.



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



**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.



**Temperature Display ON/OFF**  
The display on the indoor unit can also be switched on/off using the "LIGHT" button on the remote controller.



**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 in voltage and prevents the PCB from breakdown.



**Energy Saving with 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 you 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 3D unique configurations



**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.



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



**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 higher air circulation and faster cooling



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



**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 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.
















































































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



**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						
		ASGG18CETB-B	ASGG24CETB-B	ASGG30CETB-B	ASGG36CETB-B	ASGG12CGAA-B	ASGG18CGAA-B	ASGG24CGAA-B
COMFORT	 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
CONVENIENCE	 ADVANCED FREQUENCY MODULATION	o	o	o	o	o	o	o
	 COANDA AIRFLOW	o 18m	o 20m	o 25m	o 25m	o 10m	o 15m	o 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
LONG LIFE	 ECONOMY MODE	-	-	-	-	o	o	o
	 WIRELESS REMOTE CONTROLLER	o	o	o	o	o	o	o
	 WIRED REMOTE CONTROLLER	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)
	 WLAN	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)
	 GROUP CONTROL SYSTEM	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)
	 BACKLIT REMOTE	-	-	-	-	o	o	o
	 0.5°C PRECISE 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
PERFORMANCE	 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/CONFORMAL 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			
		ASGG12CPAB-B	ASGG18CPAB-B	ASGG24CPAB-B	ASGG18CNAA-B
COMFORT	 UP / DOWN LOUVERS	o	o	o	o
	 LEFT / RIGHT SWING LOUVERS	-	o	o	-
	 DOUBLE SWING AUTOMATIC -3D	-	o	o	-
	 POWER AIRFLOW DUAL LOUVERS	SINGLE	SINGLE	SINGLE	SINGLE
	 WIDE ANGLE LOUVERS	o	o	o	o
	 AUTOMATIC AIRFLOW ADJUSTMENT	o	o	o	o
	 QUIET OPERATION	o	o	o	o
	 DRY FUNCTION	o	o	o	o
	 AUTO - MOISTURE PREVENTION	o	o	o	o
	 ENERGY SAVING MODE	o	o	o	o
CONVENIENCE	 ADVANCED FREQUENCY MODULATION	o	o	o	o
	 COANDA AIRFLOW	o 10m	o 15m	o 15m	o 15m
	 POWERFUL MODE	o	o	o	o
	 MILDEW RESISTANT FILTER	o	o	o	o
	 PM 2.5 FILTER	o (Optional)	o (Optional)	o (Optional)	o (Optional)
	 COMPRESSOR INSULATION JACKET	o	o	o	o
	 FAN SPEED CONTROL LEVELS	5	5	5	5
	 WASHABLE PANEL	o	o	o	o
	 SLEEP TIMER	o	o	o	o
	 ECONOMY MODE	o	o	o	o
LONG LIFE	 WIRELESS REMOTE CONTROLLER	o	o	o	o
	 GROUP CONTROL SYSTEM	o (Optional)	o (Optional)	o (Optional)	o (Optional)
	 0.5°C PRECISE TEMPERATURE CONTROL	o	o	o	o
	 AUTO RESTART	o	o	o	o
	 LONG PIPE	o	o	o	o
	 PROGRAM TIMER	o	o	o	o
	 CORROSION RESISTANT ODU	o	o	o	o
	 ANTI-CORROSION HEAT EXCHANGER IN IDU	o	o	o	o
	 POWDER COATED OUTDOOR UNIT	o	o	o	o
	 CONFORMAL COATED PCB	o	o	o	o
PERFORMANCE	 HIGH VOLTAGE PROTECTION	o	o	-	o
	 BLUE FIN CONDENSER	o	o	o	o
	 CONDENSER PROTECTION GRILL	o	o	o	o
	 BLDC MOTOR INDOOR UNIT	o	o	o	o
	 INNER GROOVE COPPER TUBE	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		INVERTER SPLIT - HOT & COLD		
		ASGG18KJTA-B	ASGG24KJTA-B	ASGG30KJTA-B
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
10oC HEAT OPERATION		o	o	o
QUIET OPERATION		o	o	o
DRY FUNCTION		o	o	o
AUTO - MOISTURE PREVENTION		o	o	o
ADVANCED FREQUENCY MODULATION		o	o	o
COANDA AIRFLOW		o 15m	o 15m	o 20m
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
ECONOMY MODE		o	o	o
WIRELESS REMOTE CONTROLLER		o	o	o
WIRED REMOTE CONTROLLER		o (Optional)	o (Optional)	o (Optional)
WLAN		o (Optional)	o (Optional)	o (Optional)
GROUP CONTROL SYSTEM		o (Optional)	o (Optional)	o (Optional)
BACKLIT REMOTE		o	o	o
0.5oC PRECISE TEMPERATURE CONTROL		o	o	o
AUTO RESTART		o	o	o
LONG PIPE		o	o	o
PROGRAM TIMER		o	o	o
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				
		ASGA18BUTA-B	ASGA24BUTA-B	ASGA14BMAA-B	ASGA18BMAA-B	ASGA24BMAA-B
UP / DOWN LOUVERS		o	o	o	o	o
LEFT / RIGHT SWING LOUVERS		o	o	-	-	-
DOUBLE SWING AUTOMATIC -3D		o	o	-	-	-
POWER AIRFLOW DUAL LOUVERS		o	o	SINGLE	SINGLE	SINGLE
WIDE ANGLE LOUVERS		o	o	o	o	o
AUTOMATIC AIRFLOW ADJUSTMENT		o	o	o	o	o
QUIET OPERATION		o	o	-	-	-
DRY FUNCTION		o	o	o	o	o
AUTO - MOISTURE PREVENTION		o	o	-	-	-
COANDA AIRFLOW		o 18m	o 20m	o 10m	o 15m	o 15m
POWERFUL MODE		o	o	o	o	o
MILDEW RESISTANT FILTER		o	o	-	-	-
FAN SPEED CONTROL LEVELS		6	6	6	6	6
WASHABLE PANEL		o	o	o	o	o
SLEEP TIMER		o	o	o	o	o
WIRELESS REMOTE CONTROLLER		o	o	o	o	o
BACKLIT REMOTE		-	-	o	o	o
TEMPERATURE DISPLAY		-	-	o	o	o
TEMPERATURE DISPLAY LIGHT ON/OFF		-	-	o	o	o
AUTO RESTART		o	o	o	o	o
LONG PIPE		o	o	o	o	o
PROGRAM TIMER		o	o	o	o	o
CORROSION RESISTANT ODU		o	o	o	o	o
POWDER COATED OUTDOOR UNIT		o	o	o	o	o
CONFORMAL COATED PCB		o	o	o	o	o
HIGH VOLTAGE PROTECTION		-	-	o	o	o
BLUE FIN CONDENSER		o	o	o	o	o
BLUE FIN EVAPORATOR		-	-	o	o	o
CONDENSER PROTECTION GRILL		o	o	o	o	o
BLDC MOTOR INDOOR UNIT		-	-	o	o	o
INNER GROOVE COPPER TUBE		o	o	o	o	o
DUAL SUCTION INTAKE DESIGN		o	o	-	-	-
SELF DIAGNOSIS		o*	o*	o	o	o

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



FEATURES		INVERTER CASSETTE - COOLING		
		AUGG25CRTA-B	AUGG36CRTA-B	AUGG48CRAA-B
COMFORT	 UP / DOWN LOUVERS	o	o	o
	 360° TURBO FLOW	o	o	o
	 WIDE ANGLE LOUVERS	o	o	o
	 AUTOMATIC AIRFLOW ADJUSTMENT	o	o	o
	 QUIET OPERATION	o	o	o
	 DRY FUNCTION	o	o	o
	AUTO - CHANGEOVER	o	o	o
CONVENIENCE	 AUTO - MOISTURE PREVENTION	o	o	o
	 CONNECTABLE DISTRIBUTING DUCT	o	o	o
	 CONNECTABLE FRESH AIR DUCT	o	o	o
	 ADVANCED FREQUENCY MODULATION	o	o	o
	 MILDEW RESISTANT FILTER	o	o	o
	 COMPRESSOR INSULATION JACKET	o	o	o
	 FAN SPEED CONTROL LEVELS	4	4	4
PERFORMANCE	 WASHABLE PANEL	o	o	o
	 SLEEP TIMER	o	o	o
	 ECONOMY MODE	o	o	o
	 FILTER SIGN	o	o	o
	 WIRELESS REMOTE CONTROLLER	o	o	o
	 WIRED REMOTE CONTROLLER	o (Optional)	o (Optional)	o (Optional)
	 GROUP CONTROL SYSTEM	o	o	o
LONG LIFE	 AUTO RESTART	o	o	o
	 LONG PIPE	o	o	o
	 PROGRAM TIMER	o	o	o
	 WEEKLY TIMER	o	o	o
	 CORROSION RESISTANT ODU	o	o	o
	 POWDER COATED OUTDOOR UNIT	o	o	o
	 SILICON/CONFORMAL COATED PCB	o	o	o
	 BLUE FIN CONDENSER	o	o	o
	 CONDENSOR PROTECTION GRILL	o	o	o
	 INNER GROOVE COPPER TUBE	o	o	o
	 SELF DIAGNOSIS	o	o	o

NOTES: \_\_\_\_\_






























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FEATURES		FIXED SPEED CASSETTE - COOLING
		AUGA25BRTA-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
CONVENIENCE	 CONNECTABLE FRESH AIR DUCT	o
	 MILDEW RESISTANT FILTER	o
	 COMPRESSOR INSULATION JACKET	o
	 FAN SPEED CONTROL LEVELS	4
	 WASHABLE PANEL	o
	 SLEEP TIMER	o
	 ECONOMY MODE	o
PERFORMANCE	 FILTER SIGN	o
	 WIRELESS REMOTE CONTROLLER	o
	 WIRED REMOTE CONTROLLER	o (Optional)
	 GROUP CONTROL SYSTEM	o
	 AUTO RESTART	o
	 LONG PIPE	o
	 PROGRAM TIMER	o
LONG LIFE	 WEEKLY TIMER	o
	 CORROSION RESISTANT ODU	o
	 POWDER COATED OUTDOOR UNIT	o
	 SILICON/CONFORMAL COATED PCB	o
	 BLUE FIN CONDENSER	o
	 CONDENSOR PROTECTION GRILL	o
	 INNER GROOVE COPPER TUBE	o
	 SELF DIAGNOSIS	o

NOTES: \_\_\_\_\_

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# FUJITSU GENERAL (INDIA) PRIVATE LIMITED

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