GENERAL
AIR CONDITIONERS

The Extreme Machine

ADOPTING SUSTAINABILITY FOR OUR FUTURE GENERATIONS

CATALOGUE 2025

ADOPTING SUSTAINABILITY FOR OUR FUTURE GENERATIONS

Mission

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.

SUSTAINABLE DEVELOPMENT GOALS

Strengths of Fujitsu General

Intellectual Capital

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

Air conditioners

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

Manufacturing Capital

Global production and R&D bases for innovation and technology

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

Human Capital

Human resources supporting innovation and technology

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

Social and Relationship Capital

Expanding and joint development* of business areas by strengthening cooperation

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

*As on March 2022

Growth Strategy

Power of monozukuri

World and industry first technologies

Global business development

Business in more than 100 countries worldwide

Expansion of partnership

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

Providing comfortable and clean air with low CO_2 emissions to the world

Creation and realization of world and industry firsts

Creation of **Innovation**

Leveraging the power of monozukuri

FY 2022

Achieved conversion to 100% renewable energy for electricity in our business activities

Contribution to **MITIGATION OF CLIMATE CHANGE**

Utilizing Inverter Technology

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

FY 2030

Aim to have ***Sustainable*** products account for 30% or more of consolidated net sales.

FY 2035

Aim to reduce GHG emissions by 55% across our entire value chain

FY 2050

Aim to achieve Carbon Neutrality will net GHG emissions

SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY · 2 ZERO HUNGER · 3 GOOD HEALTH AND WELL-BEING · 4 QUALITY EDUCATION · 5 GENDER EQUALITY · 6 CLEAN WATER AND SANITATION · 7 AFFORDABLE AND CLEAN ENERGY · 8 DECENT WORK AND ECONOMIC GROWTH · 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE · 10 REDUCED INEQUALITIES · 11 SUSTAINABLE CITIES AND COMMUNITIES · 12 RESPONSIBLE CONSUMPTION AND PRODUCTION · 13 CLIMATE ACTION · 14 LIFE BELOW WATER · 15 LIFE ON LAND · 16 PEACE, JUSTICE AND STRONG INSTITUTIONS · 17 PARTNERSHIPS FOR THE GOALS

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.

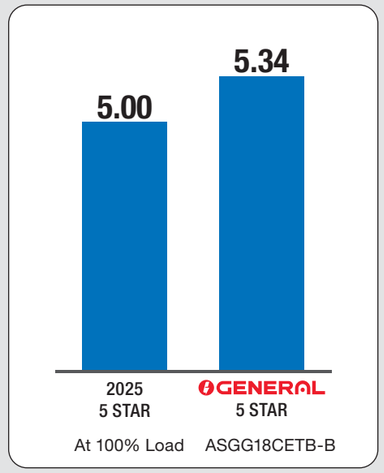
Not just that, they can cool even at extremely low and high voltages, and they're built to last longer. So choose wisely and upgrade to the next level of performance.

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.

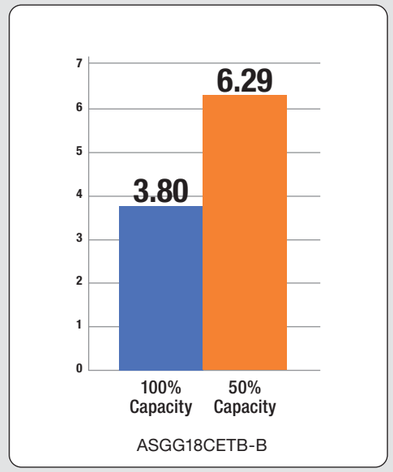
Human Sensor

Higher Seasonal Efficiency



Indian Seasonal Energy Efficiency Ratio (ISEER)

50% Load Efficiency for CET Series



Energy Efficiency Ratio (EER)

OUR JOURNEY SO FAR...

1936
Established as Yaou Shouten Ltd.

1971
Air conditioner exports to the **Middle East***

1991
Air conditioner with the **world's first Lambda heat exchanger**

1994
Air conditioner with the **world's first power diffuser**

2000
Commenced operations in India

2014
nocria™

2016
Tropical Innovation Series **25m Long-reach Airflow**

2018
Stylish & Compact Wall Mounted Tropical Inverter model with **Human Sensor**

2020
Fujitsu General (India) Pvt. Ltd., direct entry into India. Introduction of CPTA Technology

2021
Next level Air Conditioner Tropical Innovation Inverter Series **5.56 ISEER 25m Long-reach Airflow**

2022
Fujitsu General is commited to United Nations Sustainable Development Goals

2024
Cómodo gear
Next-generation **Wearable Air Conditioner** that delivers extreme cooling in just 10 seconds

*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 Solution Centre “THE AIRSTAGE”

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

Fujitsu General (Thailand) Co. Ltd.

New Engineering and R&D Centre in Thailand

ADVANCED R&D FACILITY

Performance Testing

Air Volume Measurement Room

Calorimeter

Practical Test Room

Acoustic Testing

Reliability Testing

Constant Temperature Room

Shower Test Room

Transportation & Handling

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

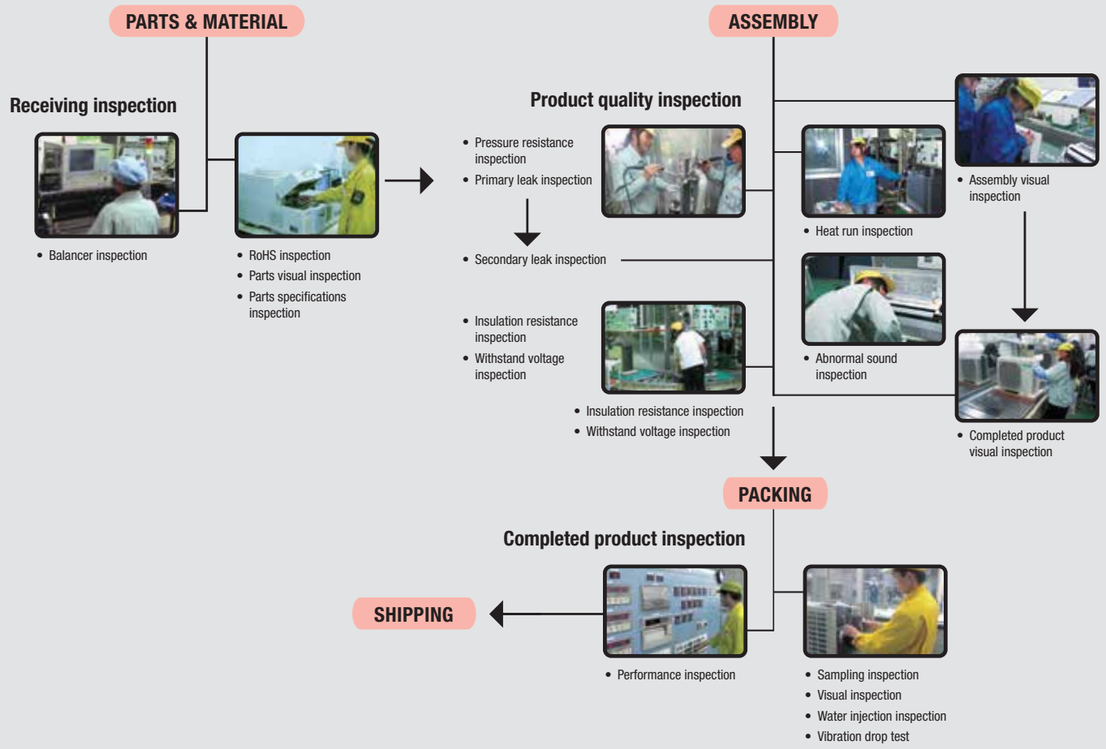
Fujitsu participates in the RoHS Directive, which is the Restriction of Hazardous Substances in electrical and electronic equipment. It is an EU directive intended to protect the environment by forcing manufacturers to eliminate or severely curtail the use of cadmium, hexavalent chromium, and lead, in 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.



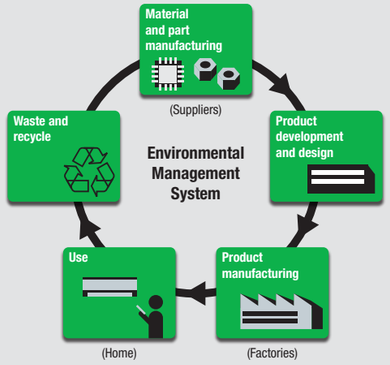
ENVIRONMENTAL MANAGEMENT SYSTEM

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.

Moreover R32 is the refrigerant used in all the products. R32 is refrigerant with zero ozone depletion potential (ODP) and a significantly lower global warming potential (GWP). Compared to previously used refrigerants. R32 is a more environmentally friendly option due to its lower impact on climate change.



reddot winner 2024

"product design award" 2012

Coolworld Industry Awards "Most Efficient Air Conditioner"

"Winner Kawasaki CN Brand 2023 Grand Prize"

"Dealer Design Awards" of "the NEWS"

Gold Award (Category: HVAC & PLUMBING) in Reader's Choice Awards

"Finalist in IDEA 2023"

GOOD DESIGN

ISO 9001 Certified number : 01 100 89394
ISO 14001 Certified number : 01 104 9245101

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

ISO 9001 Certified number : 00608Q11061R2M
ISO 14001 Certified number : 00609E20454R2M
Fujitsu General Central Air-conditioner (Wuxi) Co., Ltd.

Intertek

LUXURIOUS & ELEGANT DESIGN

Tropical Innovation Inverter Series

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

New Design

Golden Coloured Ornament

Trimmed Edge

Dual Suction Intake

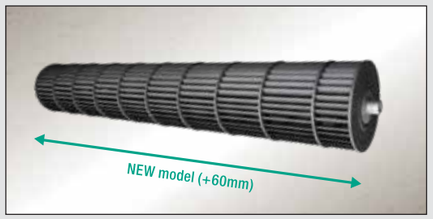
INNOVATION IN TECHNOLOGY

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

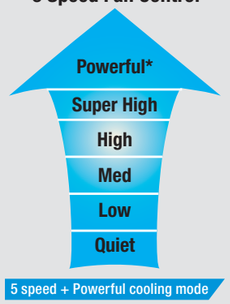
25 METRES LONG REACH AIRFLOW

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

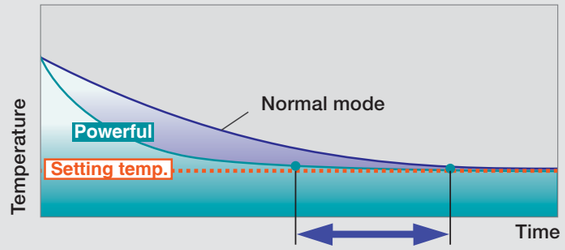
Powerful Operation

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

6 Speed Fan Control

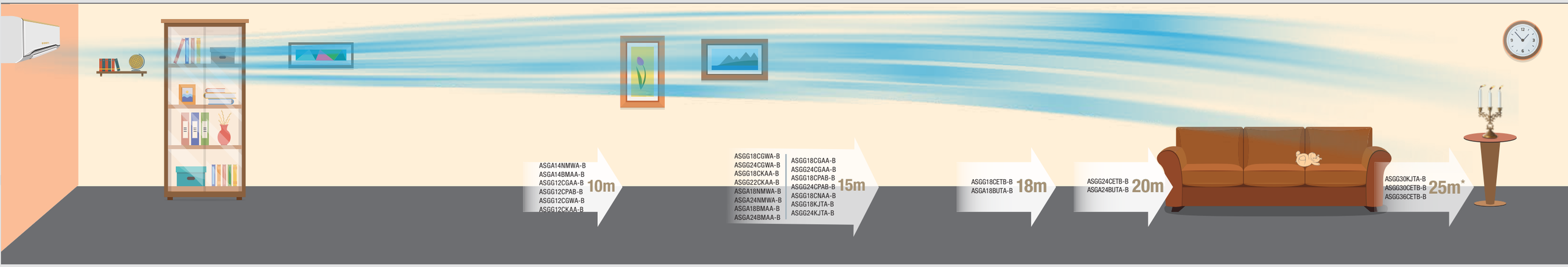


*One touch powerful cooling mode: Continuous operation for 30 minutes at maximum air volume.



Cooling time in powerful mode is shorter than in normal mode

Certified 25m Airflow



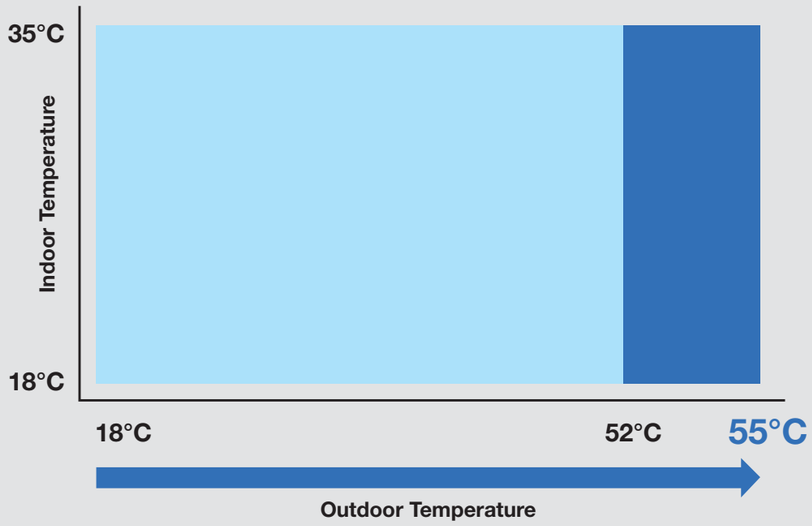
Powerful Cooling

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

Advanced Hyper Tropical Compressor

Tropical Product Design

Eco-friendly Refrigerant



Note: Available in select models.

COOLING POWER FOR TROPICAL APPLICATION - CPTA TECHNOLOGY

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

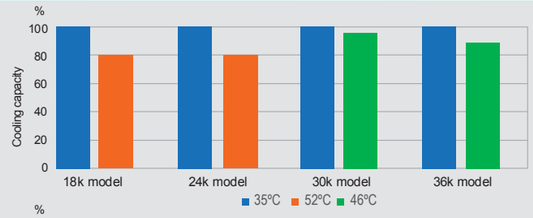
CGA series models are able to achieve over 80% cooling capacity even at 49°C because the indoor unit and outdoor unit components are optimized in order to improve cooling performance. They can operate even at 55°C.

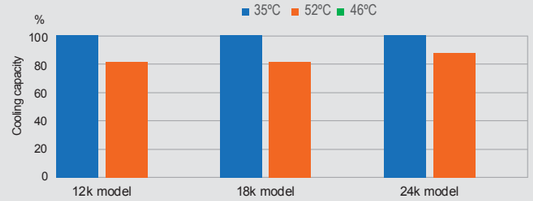
CGW Series

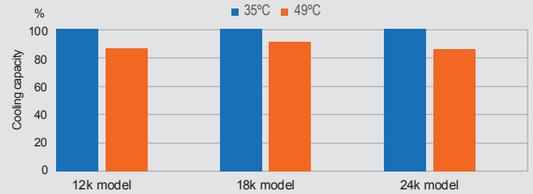
CGW series models are able to achieve over 80% cooling capacity even at 48°C because the indoor unit and outdoor unit components are optimized in order to improve cooling performance. They can operate even at 52°C.

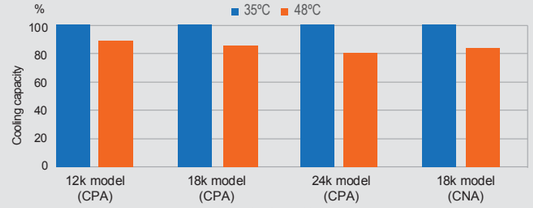
CPA/CNA Series

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.







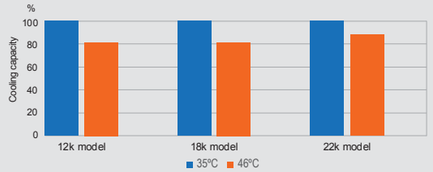


Note: 80% Cooling capacity is measured based on indoor temperature 27°C DB

COOLING POWER FOR TROPICAL APPLICATION - CPTA TECHNOLOGY

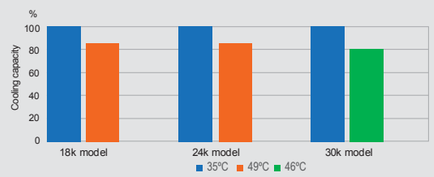
CKA Series

CKA series models are able to achieve over 80% cooling capacity even at 46°C because the indoor unit and outdoor unit components are optimized in order to improve cooling performance. They can operate even at 55°C.



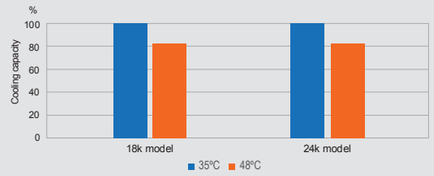
KJT Series

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.



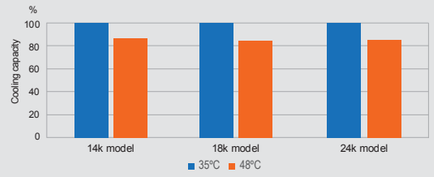
BUT Series

BUT series models are able to achieve over 80% cooling capacity even at 48°C by optimizing the components for high cooling performance. They can operate even at 52°C.



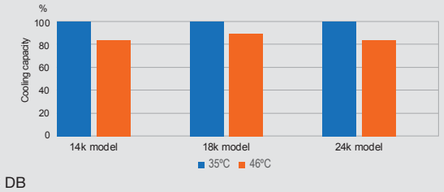
NMW Series

NMW series models are able to achieve over 80% cooling capacity even at 48°C by optimizing the components for high cooling performance. They can operate even at 52°C.



BMA Series

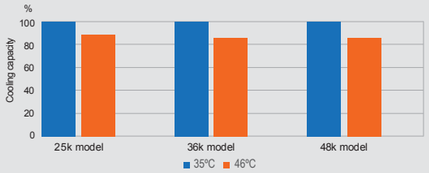
BMA series models are able to achieve over 80% cooling capacity even at 46°C because the indoor unit and outdoor unit components are optimized in order to improve cooling performance. They can operate even at 52°C.



Note: 80% Cooling capacity is measured based on indoor temperature 27°C DB

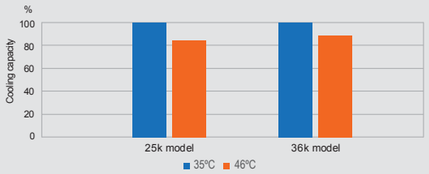
CRT Series

CRT series models are able to achieve over 80% cooling capacity even at 46°C because the indoor unit and outdoor unit components are optimized in order to improve cooling performance. They can operate even at 55°C.



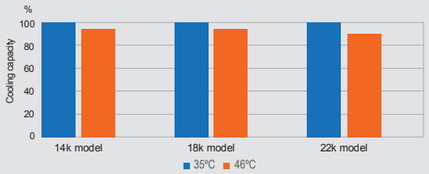
BRT Series

BRT series models are able to achieve over 80% cooling capacity even at 46°C because the indoor unit and outdoor unit components are optimized in order to improve cooling performance. They can operate even at 52°C.



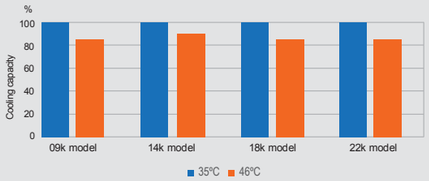
CHA Series

CHA series models are able to achieve over 80% cooling capacity even at 46°C by optimizing the components for high cooling performance. They can operate even at 52°C.



BBA Series

BBA series models are able to achieve over 80% cooling capacity even at 46°C by optimizing the components for high cooling performance. They can operate even at 52°C.

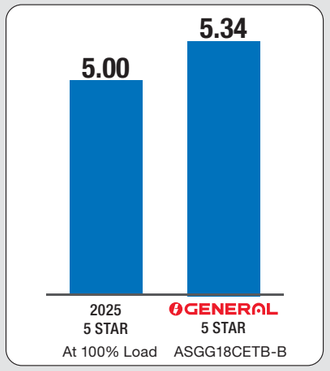


Note: 80% Cooling capacity is measured based on indoor temperature 27°C DB

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)

BEE Star Rating Table

Inverter & Fixed Speed Split Air Conditioners	Table 3.2 (f) (1st Jul 2022 to 31st Dec 2025)		Table 3.2 (g) (1st Jan 2026 to 31st Dec 2027)	
Star Level	Min	Max	Min	Max
1 Star	3.30	3.49	3.50	3.79
2 Star	3.50	3.79	3.80	4.29
3 Star	3.80	4.39	4.30	4.99
4 Star	4.40	4.99	5.00	5.59
5 Star	5.00		5.60	

Inverter & Fixed Speed Window Air Conditioners	Table 3.1 (f) (1st Jul 2022 to 31st Dec 2025)		Table 3.1 (g) (1st Jan 2026 to 31st Dec 2029)	
Star Level	Min	Max	Min	Max
1 Star	2.70	2.89	2.90	3.09
2 Star	2.90	3.09	3.10	3.29
3 Star	3.10	3.29	3.30	3.49
4 Star	3.30	3.49	3.50	3.69
5 Star	3.50		3.70	

Single and three phase non-ducted single split with rated capacity above 10.5 kW - Light Commercial Air Conditioners except Floor Standing type (LCAC)	Table 3.1 (1st Jul 2023 to 31st Dec 2026)	
Star Level	Min	Max
1 Star	2.70	3.09
2 Star	3.10	3.39
3 Star	3.40	3.69
4 Star	3.70	3.99
5 Star	>=4.00	

High Energy Saving

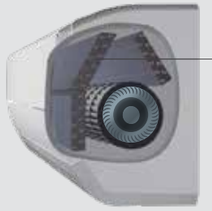
Top class energy saving is achieved by high efficiency Lambda heat exchanger, large cross flow fan, new efficient compressor, large propeller fan and R32 refrigerant

Large heat exchanger

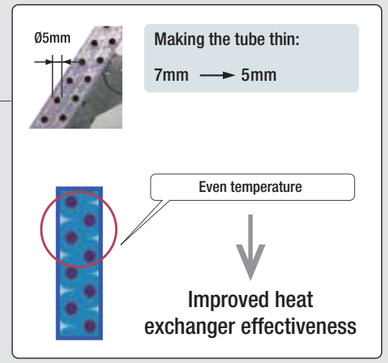
Large propeller fan

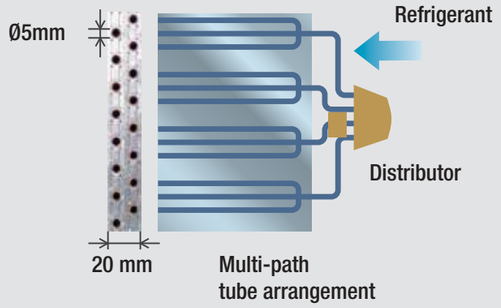
High Density Multi-Path Heat Exchanger

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.



Realizing high-density heat transfer by high-density tube arrangement

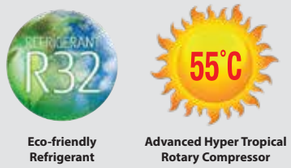




HYPER TROPICAL DESIGN

OPTIMISED AIRFLOW

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.

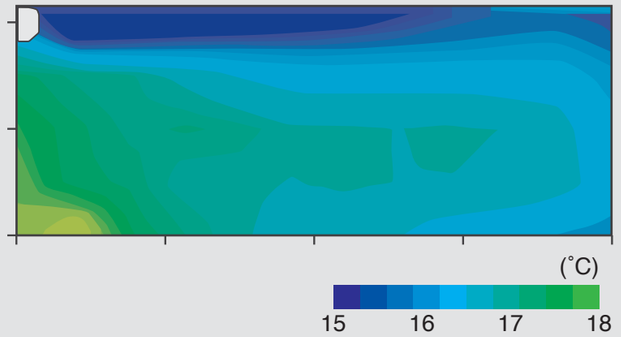
Super low voltage operation
Our Hyper Tropical Compressor can be operated even at a low voltage of 155V.

Super Hi-Efficiency
Fulfills star rating requirements of 2025.

Super quiet compressor
Reduced compressor noise due to better lubrication at high temperature and frictionless parts along with compressor insulation jacket.

Coanda Airflow

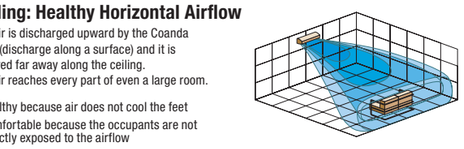
With advanced airflow technology, General provides powerful airflow and better air distribution for corner to corner cooling. The cold air discharged is directed upward, which achieves the Coanda airflow along the ceiling, producing Long-reach airflow.

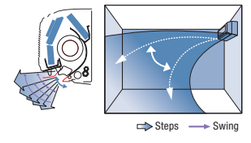


Cooling: Healthy Horizontal Airflow

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

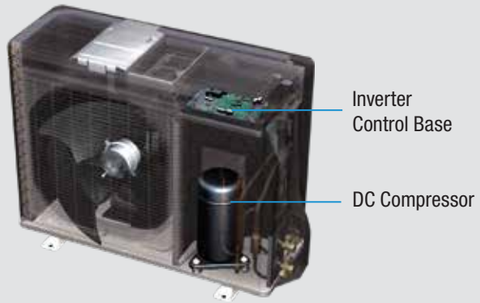
Saves Energy Throughout the Year

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.

Wide high efficiency range
DC rotary compressor



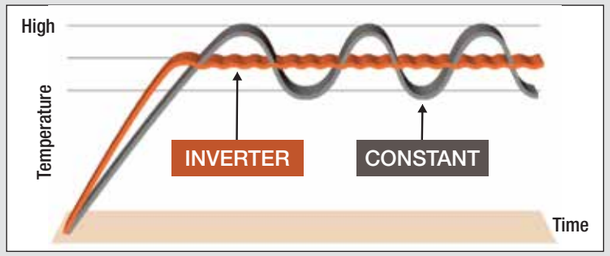
DC Fan Motor

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

DC Fan Motor

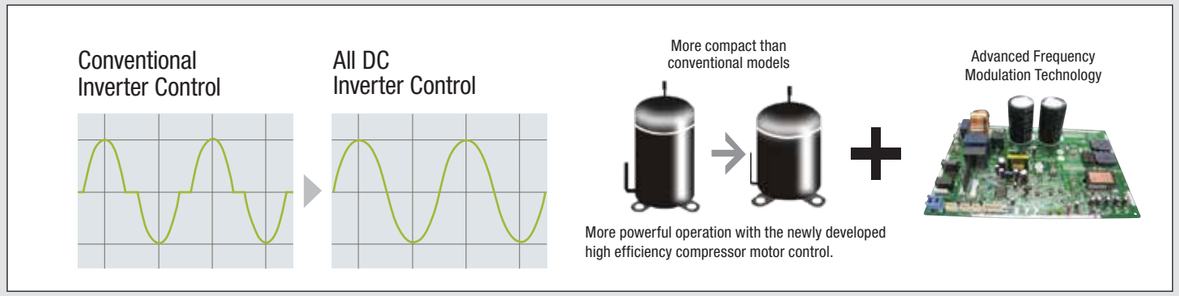
Sinewave DC Inverter Control

High efficiency operation is realized by using Sinewave 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.



Note: Available in select models.

ALL DC INVERTER TECHNOLOGY

What is an INVERTER Air Conditioner?

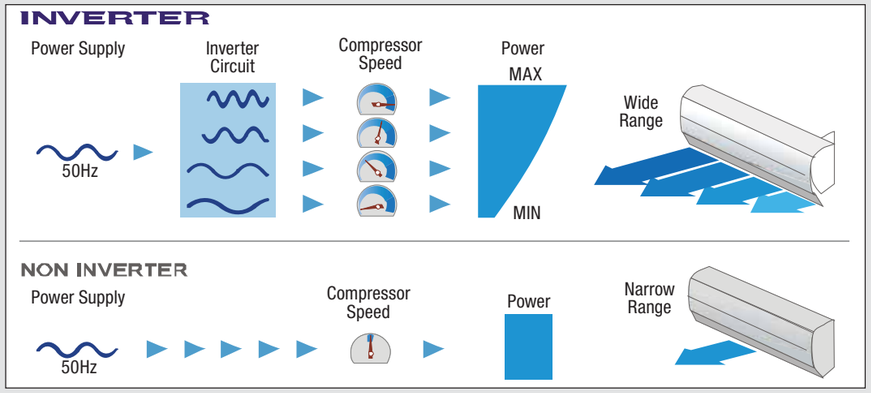
INVERTER is an equipment that controls the electrical voltage, current and frequency of the compressor motor in an air conditioner.

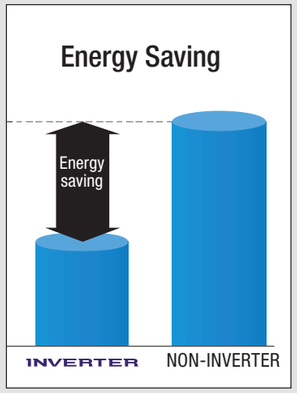
An INVERTER Air Conditioner changes the speed of the compressor by varying the frequency of the power supply to give superior cooling.

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

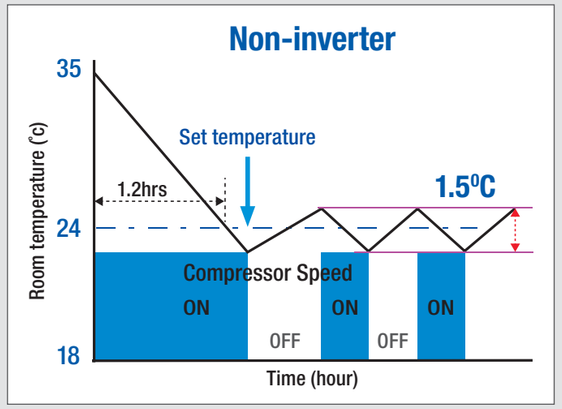
General Inverter Air Conditioners are built with compressors with advanced frequency modulation technology that run at speeds as low as 25% to as high as 110% when quick cooling is required, and consume less power under part-load conditions.

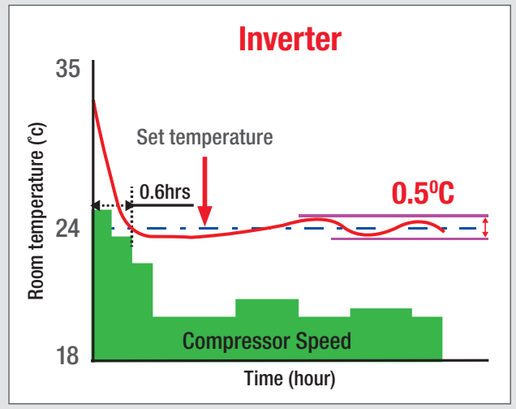




Faster Cooling and Comfort Control

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



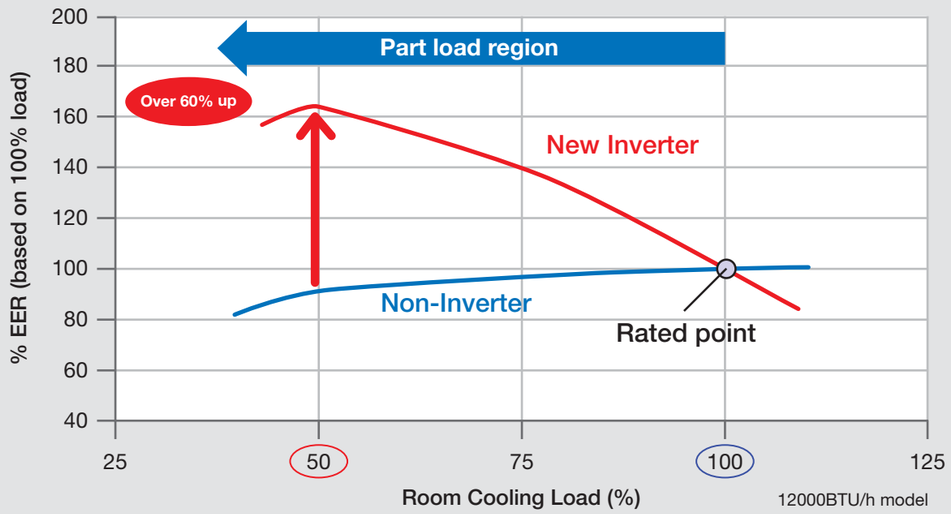


Starting point: Set temperature: 24°C, Operation Time: 3 hours, Room Inside: 35°C, Outdoor: 35°C (For 12000BTU/Hr model)

PURSUIT OF SEASONAL EFFICIENCY

Part-Load Operation

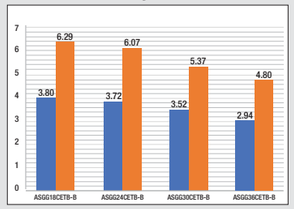
In over 80% of actual operation time, air conditioners are operated at partial capacity instead of rated capacity. We focused on high seasonal efficiency with an all DC inverter control and high efficiency technology.



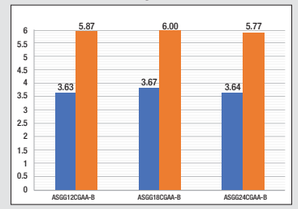
Part-Load Efficiency

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

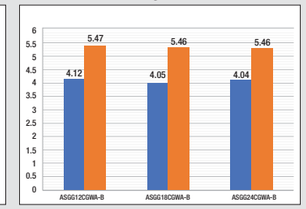
50% Load Efficiency for CET Series



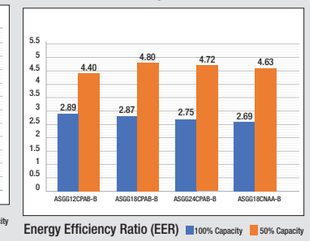
50% Load Efficiency for CGA Series



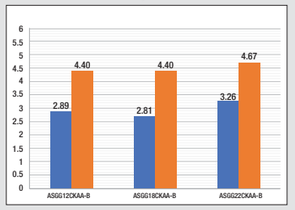
50% Load Efficiency for CGW Series



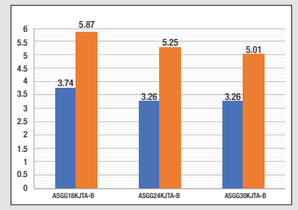
50% Load Efficiency for CPA/CNA Series



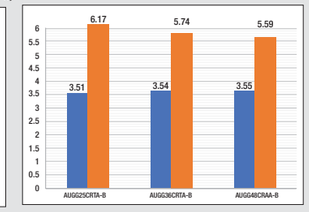
50% Load Efficiency for CKA Series



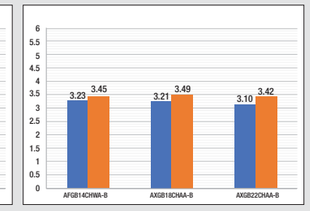
50% Load Efficiency for KJ Series (Cooling)



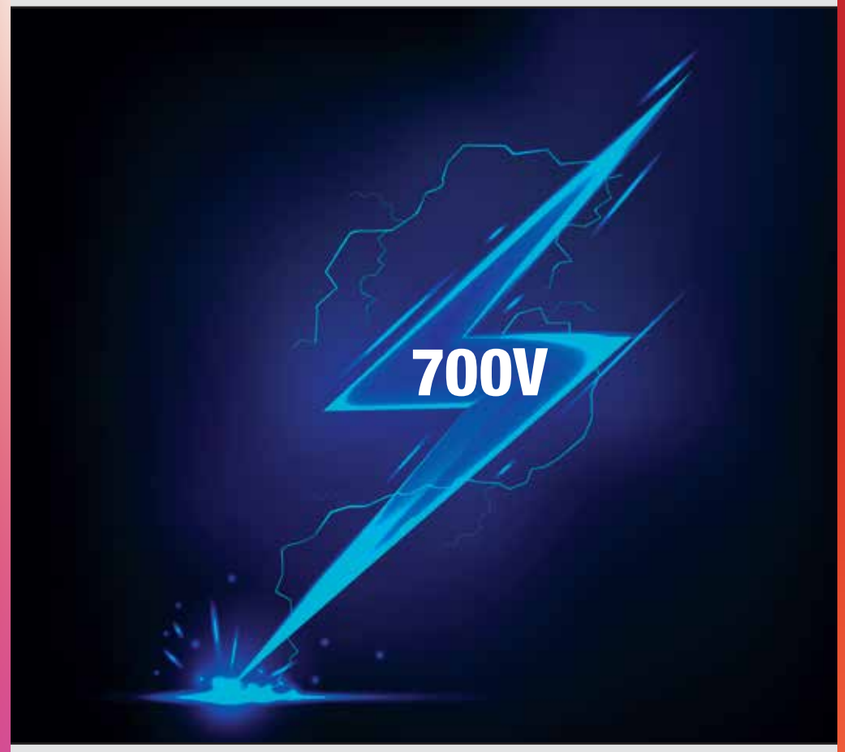
50% Load Efficiency for CRT Series



50% Load Efficiency for CHA Series



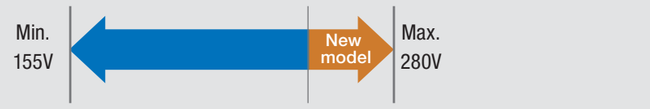
WIDE OPERATING VOLTAGE RANGE

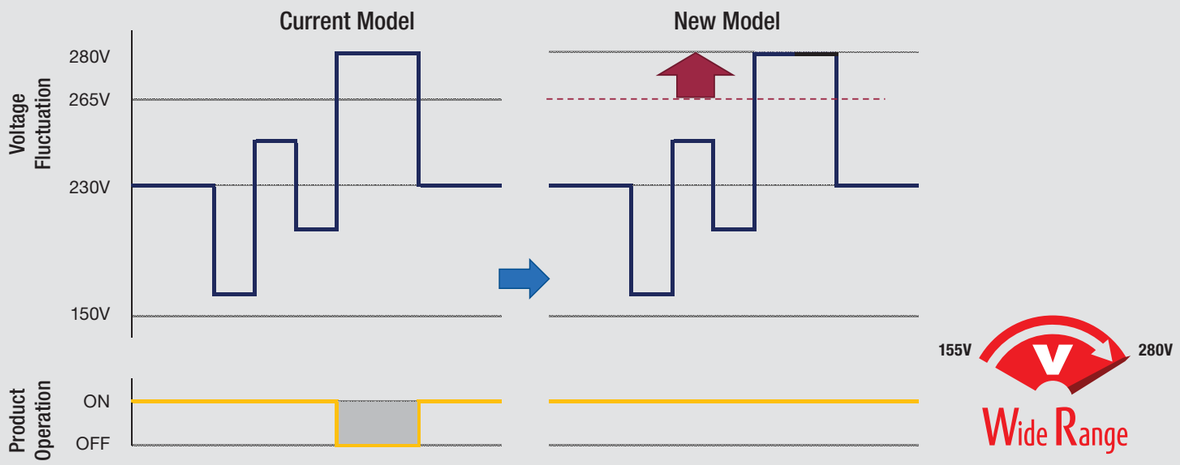


HIGH VOLTAGE PROTECTION

Extreme Voltage Range (155V~280V)

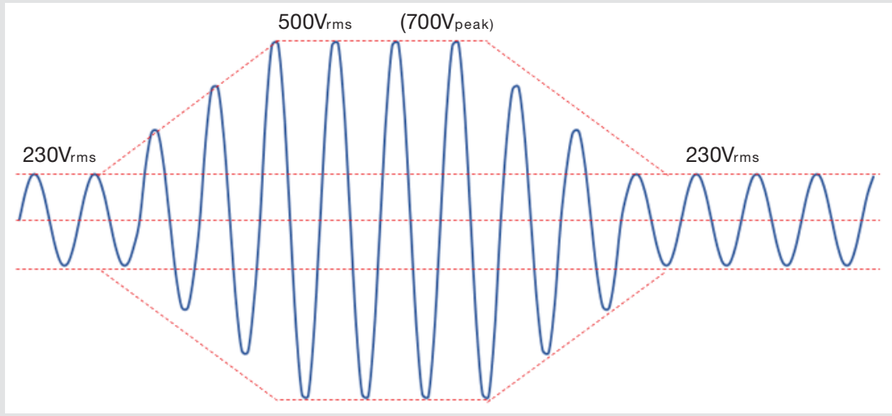
The upper limit of the operating voltage range is further increased to accommodate unstable voltage conditions. Additionally, high voltage safety protection is added to make the PCB more resilient.





Withstands High Voltage at 700V

The newly developed PCB is designed to withstand high voltage upto 700V for 50 ms. The design is highly robust and provides additional protection to the PCB.



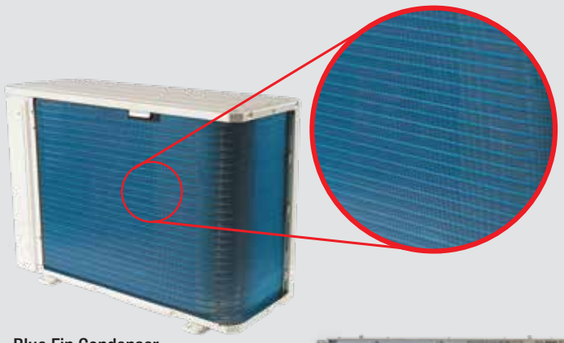
Note: Available in 18/24CETB, CGA, CPA and CNA Series models.

Note: Available in 18/24CETB, CGA, CPA, CNA, CKA, NMW, BMA, CHA and BBA Series models.

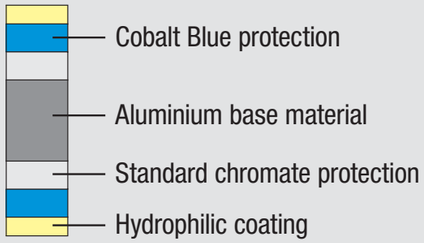
BLUE FIN CONDENSER & EVAPORATOR

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.



Blue Fin Condenser



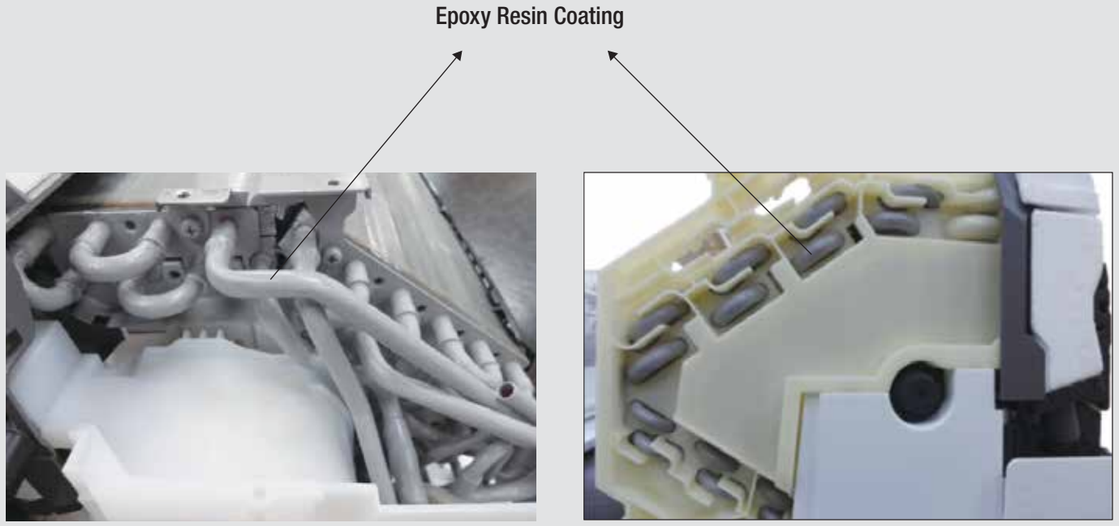
Blue Fin Evaporator

Note: Available in all models.

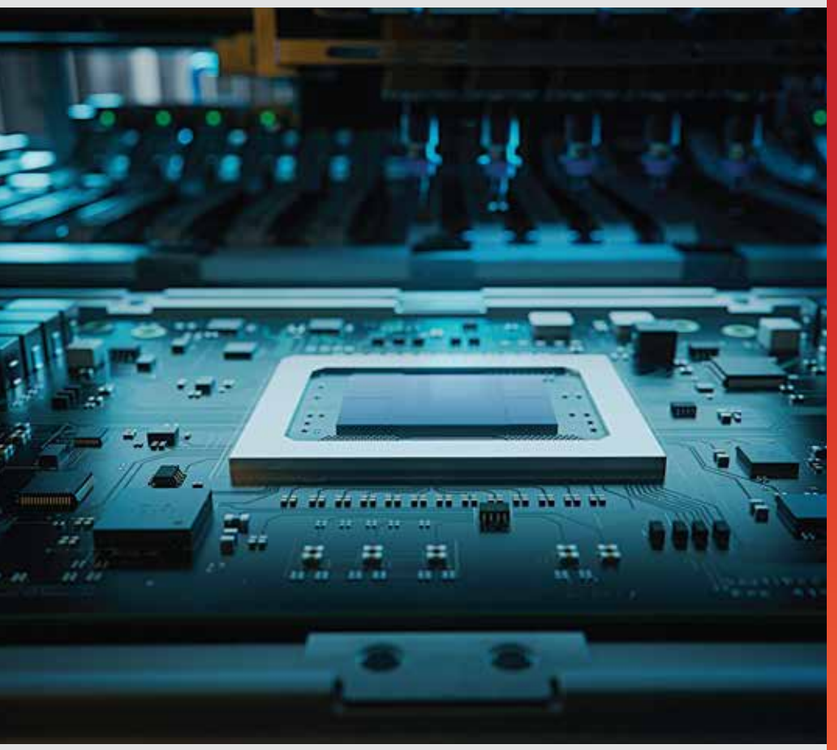
ANTI CORROSION EVAPORATOR

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.



Note: Available in CET, CGA, CPA, CNA, CKA and KJT series.

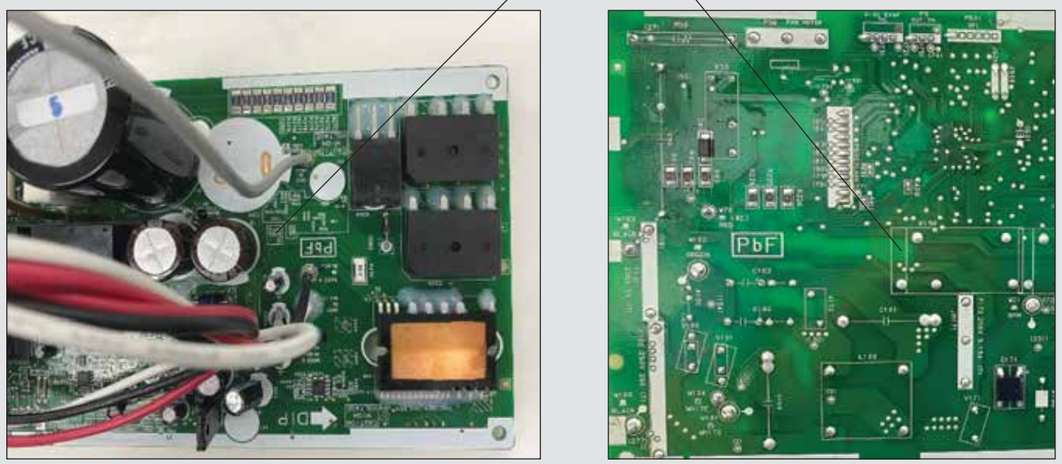


HIGH DURABILITY PCB

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



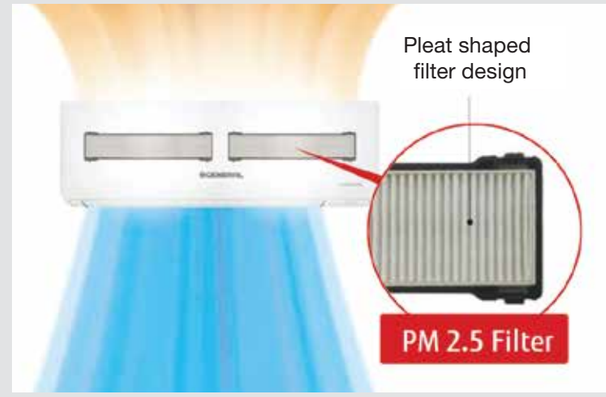
PM 2.5 FILTER

PM 2.5 Filter

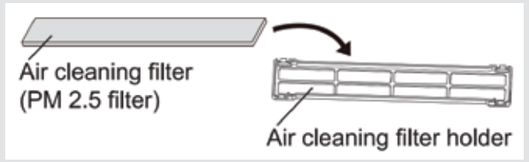
Cleans the air by catching particles as small as 0.3 ~ 2.5 μm.

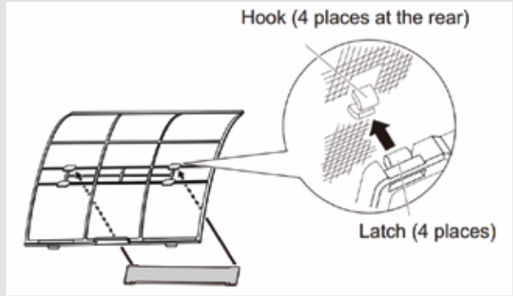
- PM 2.5 is a general term for micro-particulate matter less than 2.5 μm.
- Life of filter: 6 months
- Additional PM 2.5 filter part number:
  CET series models & ASGG30KJTA: UTR-FA16-6
  CGA, CPA, CNA, CKA series &
  ASGG18/24KJTA models: UTR-FA16-4

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



How to install the filter





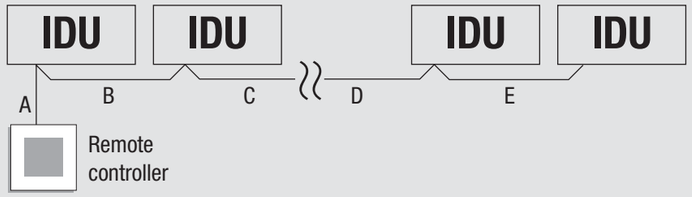
Note: Available in all models.

GROUP CONTROLLER*

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 mm²

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, CKA 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

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.

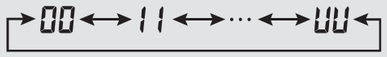
How to use Self Diagnosis

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 [TEST RUN] for more than 5 seconds.

The remote controller will enter the service check mode and "▬ ▬" will be shown.

2. Press △SELECT ▽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.



(Max.2 min/cycle)

The characters used for error code					
A	A	C	C	F	F
J	J	P	P	U	U

To finish the services check mode, press. ⏻/I 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 CET, CGA, CGW, CPA, CNA, CKA, KJT, BUT, NMW, BMA, CRT, BRT and CHA series models.

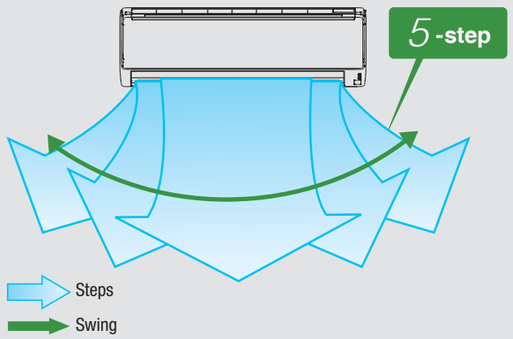
3D DOUBLE AUTO SWING

3D Double Auto Swing

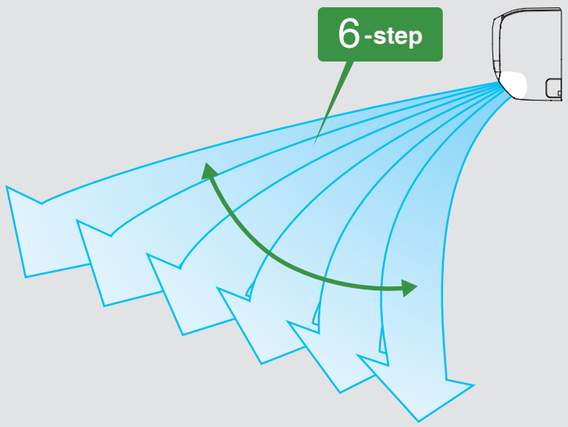
30 Step Control

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.

Right / Left Swing



Up / Down Swing

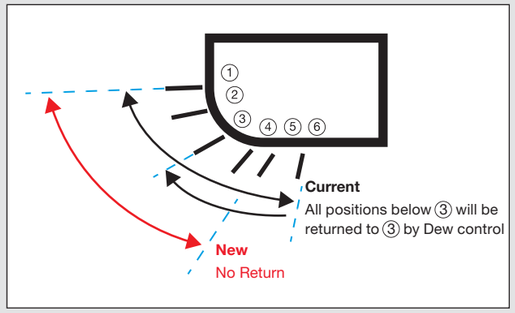


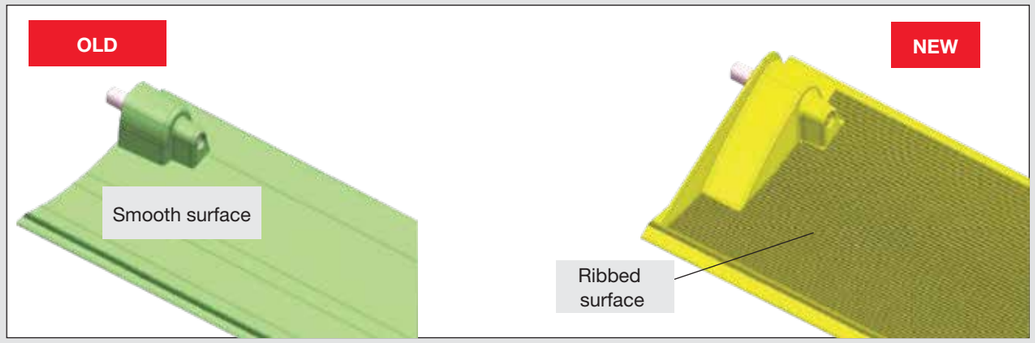
Note: Available in KJT, CET, CGW, BUT, NMW, BMA series, 18/24CGAA, 18/24CPAB, and 22CKAA models.

ANTI-DRIP DESIGN

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.



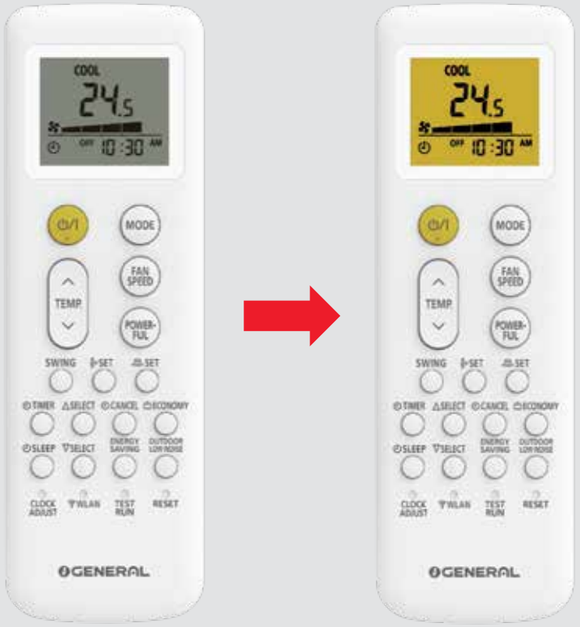


Note: Available in select models.

BACKLIT REMOTE DISPLAY

Backlight System

Backlight display on wireless remote controller enables easy operation in a darkened room, improving visibility in low light environments. The screen lights up when any button is pressed on the remote controller.



Note: Available in CGA, CGW, KJT, NMW, BMA, CHA & BBA series models.

PRECISION TEMPERATURE CONTROL

0.5°C Precision Temperature Control

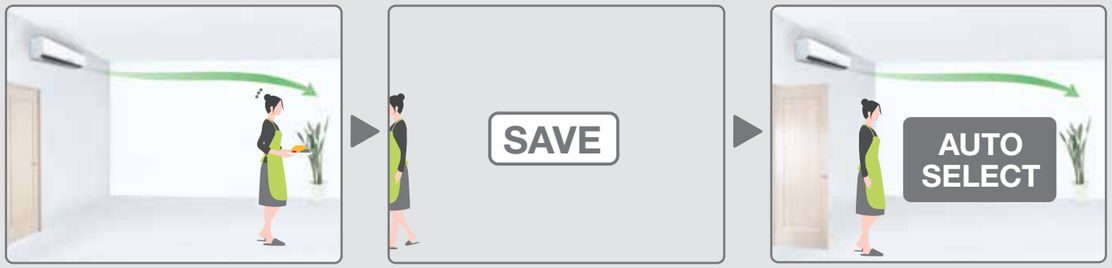
Precision temperature control allows setting the desired temperature in increments of 0.5°C for more accurate temperature setting. Increments in steps of 0.5°C enables a more accurate temperature threshold leading to a more comfortable feeling for the user.

Note: Available in CGA, CPA, CNA, CKA & KJT series models.

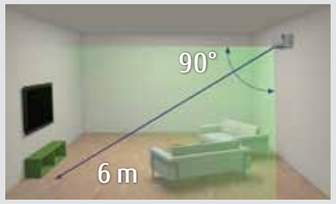
HUMAN SENSOR

Energy saving by Human Sensor

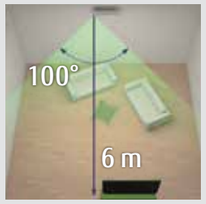
Human sensor catches movements of people in a room, and operates with lower capacity if there is no one in the room for approximately 20 minutes, enabling additional energy saving. When people come back to the room, it automatically returns to the previous operating mode.



Side view



Top view



Detection range of Human Sensor

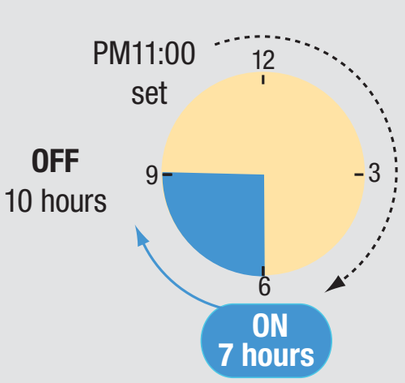
Note: Available in CGA and KJT series models.

CONVENIENT TIMER

Integrated ON – OFF Timer

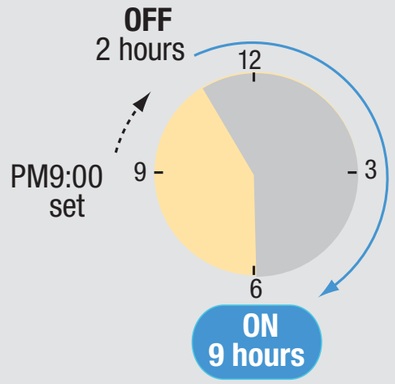
You can set an integrated ON-OFF or OFF-ON timer that's suitable for your lifestyle.
Setting time: Adjust timer setting for 1 minute at a time, eg., 18:30, 31, 32...)

From wake-up to go to work



ON-OFF timer

From sleep to wake-up



OFF-ON timer

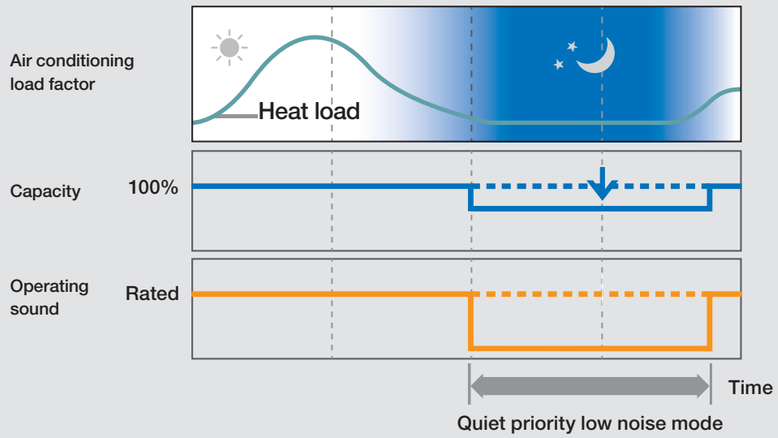
Note: Available in select models.

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.



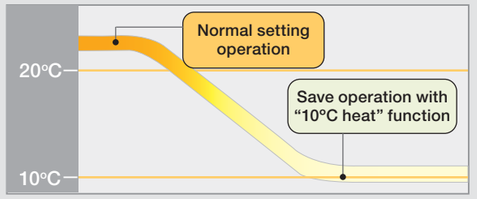
Quiet priority low noise mode

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.

Remote controller with “10°C Heat” function



Room temperature change by “10°C Heat” function

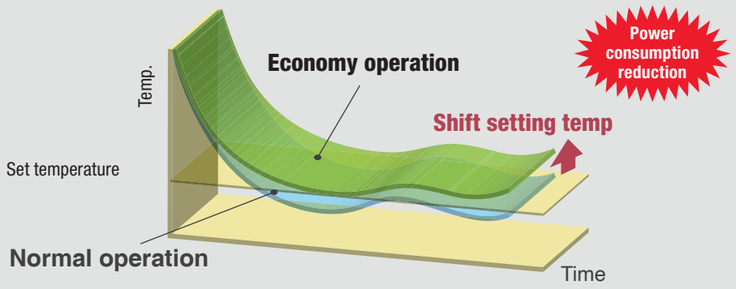
Note: 1. Available in KJT series models.
2. If the wired remote controller (optional) is connected, this function is restricted.

ECONOMY MODE

24°C DEFAULT TEMPERATURE SETTING

Economy Mode

This mode saves more electricity than other operation modes by changing the set temperature to a moderate setting. In the Cooling, Heating or Dry mode, the maximum output of this operation is approximately 70% of 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 CGA, CPA, CNA, CKA, KJT, CRT and BRT series 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_2 per year.

Note: Available in all models.

For more details, visit beeindia.gov.in

BEST IN CLASS WARRANTY & FREE INSTALLATION

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 bringing down the overall cost of ownership.

10 YEAR WARRANTY* ON INVERTER COMPRESSOR

5 YEAR WARRANTY* ON INVERTER OUTDOOR PCB

With 3 Metres Piping FREE* STANDARD INSTALLATION

For service request, please scan QR code.

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 / 044 66222100 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. 3 Metres piping kit is available in select models. Please check applicability of warranty and installation offers at the time of purchase of product. Refer warranty card for more details.

Extended Comprehensive Cover (ECC)

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.

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

8 PERIODIC MAINTENANCE
CRITICAL PARTS
GAS CHARGING
SERVICE
FREE*

* 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.

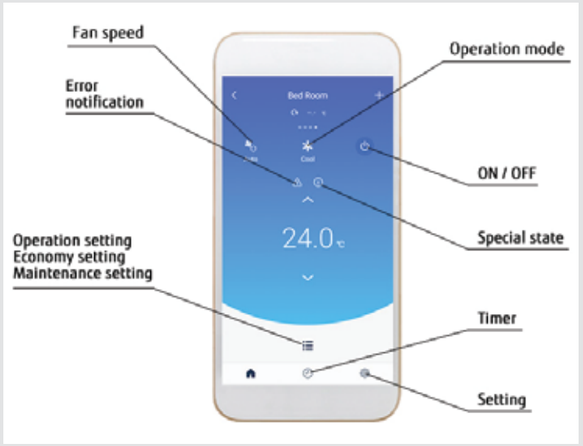
Wireless LAN Adapter
UTY-TFSXF3

Note: This feature is available in CET, CGA & KJT series models.

“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:

App Store

Google Play

*Optional

TROPICAL INVERTER CASSETTE AIR CONDITIONER

360° Turbo Cooling

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 55°C.

ADVANCED HYPER TROPICAL SPEC

55°C

Wide Airflow

Seamless Airflow

Corner Airflow

Uniform temperature air conditioning

Circular Flow Design

Wired Remote Controller (Optional)

Wired Remote Controller with large LCD screen is available as an optional part and can be installed with a total cable length of upto 500 metres (not supplied with the unit). It is ideal for commercial applications.

Wired Remote Controller
UTY-RLRG

EFFICIENT & TROPICAL INVERTER - HOT & COLD

Scan for product video

ASGG18KJTA-B
ASGG24KJTA-B

ASGG30KJTA-B

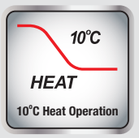
KJT Series

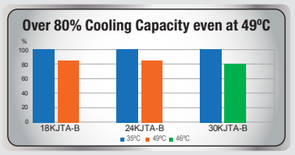
Star Rating:

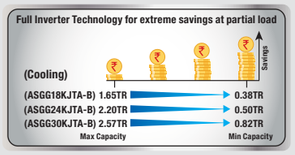
Model Number: ASGG18KJTA-B | ASGG24KJTA-B | ASGG30KJTA-B

Human Sensor

ADVANCED HYPER TROPICAL SPEC







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 90 for specific modelwise features.

TECHNICAL SPECIFICATIONS

PARAMETERS		IDU Model Number / ODU Model Number	ASGG18KJTA-B / AOGG18KJTA-B	ASGG24KJTA-B / AOGG24KJTA-B	ASGG30KJTA-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	1ϕ-50-230	1ϕ-50-230	1ϕ-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	m^3/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 / Model No.		1.5-Ton ASGG18KJTA-B	2.0-Ton ASGG24KJTA-B	2.5-Ton 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 mm^2	1.5	1.5	1.5
	No. of Cores - ODU to IDU	4	4	4
	Power Cable in mm^2	1.5	1.5	4
	No of Cores - Power Supply	3	3	3
	Connection cable limited wiring length in m *2	21	31	51
	Circuit Breaker Current in A	15	20	30
Piping Size & Thickness	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 9.52
	Pipe size-Suction in mm	Ø 12.70	Ø 12.70	Ø 15.88
Pipe Limitation & Additional Refrigerant Charge	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	20	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.

TROPICAL INNOVATION INVERTER

Scan for product video

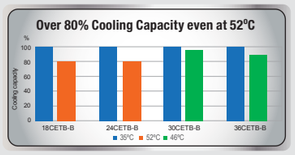
CET Series

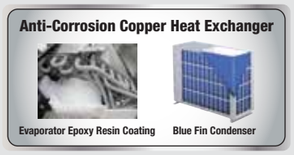
Star Rating:

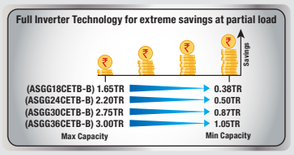
Model Number: ASGG18CETB-B | ASGG24CETB-B | ASGG30CETB-B | ASGG36CETB-B (LCAC)

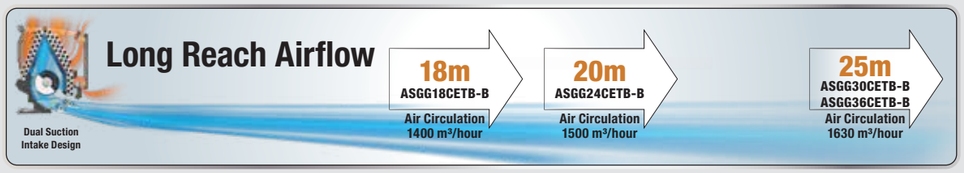
ADVANCED HYPER TROPICAL SPEC

- Advanced Hyper Tropical Product Design (55°C)
- Double Swing Automatic-3D Airflow
- Wide Voltage Range 155V ~ 280V (18/24)
- Silicon Coated PCB for Long Life
- High Voltage Protection 700V (18/24)
- Coanda Airflow(30/36) (25m)
- PM 2.5 Filter
- Self Diagnosis
- Wireless LAN (Optional)
- 10 YEAR WARRANTY* ON INVERTER COMPRESSOR
- 5 YEAR WARRANTY* ON INVERTER OUTDOOR PCB
- With 3 Metres Piping FREE STANDARD INSTALLATION









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 91 for specific modelwise features.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number / ODU Model Number	ASGG18CETB-B / AOGG18CEAB-B	ASGG24CETB-B / AOGG24CEAB-B	ASGG30CETB-B / AOGG30CEAB-B	ASGG36CETB-B / AOGG36CETB-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.

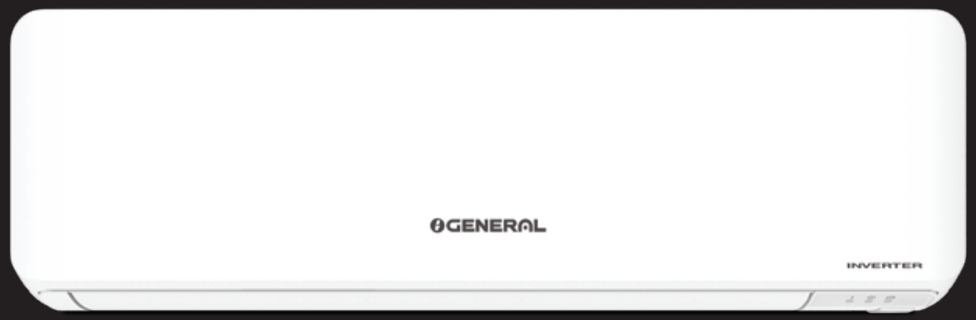
INSTALLATION CHECK POINTS

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
	Circuit Breaker Current in A	15	15	30	30
Piping Size & Thickness	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 size-Suction in mm	Ø 12.70	Ø 12.70	Ø 15.88	Ø 15.88
Pipe Limitation & Additional Refrigerant Charge	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.

EFFICIENT & TROPICAL INVERTER

ASGG12CGAA-B



ASGG18CGAA-B
ASGG24CGAA-B

Scan for product video

CGA Series

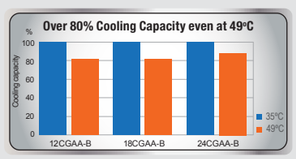
Star Rating:

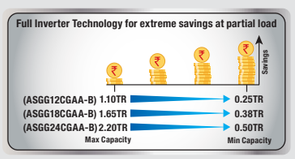
Model Number: ASGG12CGAA-B | ASGG18CGAA-B | ASGG24CGAA-B

Human Sensor

ADVANCED HYPER TROPICAL SPEC

- Advanced Hyper Tropical Product Design
- Coanda Airflow (18/24)
- 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 Swing Automatic-3D Airflow (18/24)
- Silicon Coated PCB for Long Life
- High Voltage Protection 700V
- 5 Speed Fan Control
- Powerful Mode
- Wireless LAN (Optional)
- 10 YEAR WARRANTY* ON INVERTER COMPRESSOR
- 5 YEAR WARRANTY* ON INVERTER OUTDOOR PCB
- With 3 Metres Piping FREE STANDARD INSTALLATION





ASGG12CGAA-B ASGG18CGAA-B ASGG24CGAA-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 91 for specific modelwise features.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number / ODU Model Number	ASGG12CGAA-B / AOGG12CGAA-B	ASGG18CGAA-B / AOGG18CGAA-B	ASGG24CGAA-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	1ϕ-50-230	1ϕ-50-230	1ϕ-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

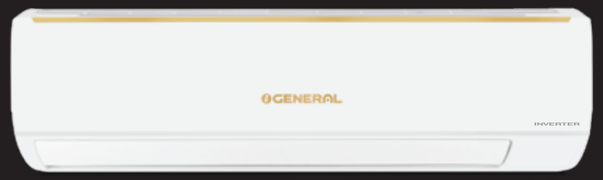
*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions; Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 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

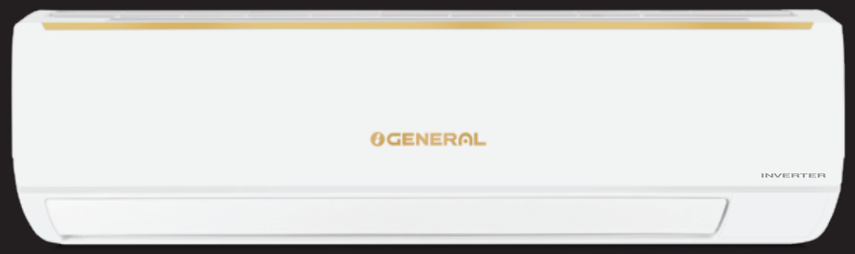
Unit Capacity		1.0-Ton	1.5-Ton	2.0-Ton
Model No.		ASGG12CGAA-B	ASGG18CGAA-B	ASGG24CGAA-B
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT		
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase		
	Proper Earthing	Mandatory		
	Main Power N & E	± 3 Volts		
	Resistance (To be measured with ground 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
	Circuit Breaker Current in A	15	15	15
Piping Size & Thickness	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	0.8
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35
	Pipe size-Suction in mm	Ø 9.52	Ø 12.70	Ø 12.70
Pipe Limitation & Additional Refrigerant Charge	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.

EFFICIENT & TROPICAL INVERTER



ASGG12CGWA-B



ASGG18CGWA-B
ASGG24CGWA-B

B2B & SSD EXCLUSIVE

CGW Series

Star Rating:

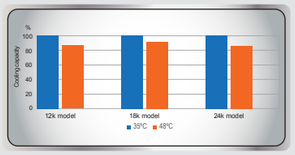
Model Number: ASGG12CGWA-B ASGG18CGWA-B ASGG24CGWA-B

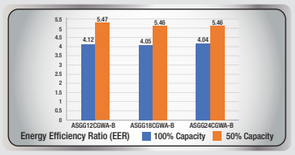
Double

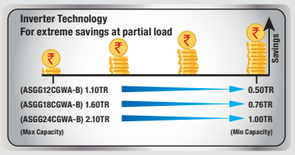
HYPER TROPICAL SPEC

- Hyper Tropical Product Design
- Backlit Remote
- Wide Voltage Range 195V ~ 265V
- Anti-Corrosion Copper Heat Exchanger
- Blue Fin Condenser
- Powerful Mode
- Indoor Unit Temperature Display
- Integrated ON - OFF Timer
- Conformal Coated PCB for Long Life
- Coil Auto Dry Function
- Self Diagnosis
- Quiet Operation
- 10 YEAR WARRANTY* ON INVERTER COMPRESSOR
- 5 YEAR WARRANTY* ON INVERTER OUTDOOR PCB
- FREE STANDARD INSTALLATION

Wireless Remote







*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 91 for specific modelwise features.
CGW Series does not include installation piping kit.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number / ODU Model Number	ASGG12CGWA-B / AOGG12CGWA-B	ASGG18CGWA-B / AOGG18CGWA-B	ASGG24CGWA-B / AOGG24CGWA-B
BEE Star Rating	-	5	5	5
Tonnage (Min~Max Cooling Capacity)	TR	1.0 (0.5~1.1)	1.52 (0.76~1.6)	2.0 (1.0~2.1)
Power Supply	Ph-Hz-V	1ϕ-50-230	1ϕ-50-230	1ϕ-50-230
Running Current	A	3.9	6.0	7.8
Standard Cooling at 100% Capacity (Min~Max)	W	3,500 (1750~3850)	5,350 (2675~5630)	7,050 (3525~7385)
Standard Cooling at 50% Capacity	W	1,750	2,675	3,525
Power Consumption at 100% Capacity (Min~Max)	W	850 (320~952)	1,320 (490~1470)	1,745 (635~1880)
Power Consumption at 50% Capacity	W	320	490	645
EER at 100% Capacity	W/W	4.12	4.05	4.04
EER at 50% Capacity	W/W	5.47	5.46	5.46
Rated ISEER	kWh/kWh	5.15	5.10	5.10
Electricity Consumption per Annum	kWh	527	812	1070
Moisture Removal	l/h	0.7	0.7	1.8
Indoor Fan Speed Control Levels	-	6	6	6
Indoor Airflow Volume-Powerful	m3/h	780	1350	1450
Indoor Airflow Distance	m	10	15	15
Indoor Unit Dimensions HxWxD	mm	295X804X288	330X1100X250	330X1100X250
Indoor Unit Net Weight	kg	9.5	14.0	14.0
Outdoor Unit Dimensions HxWxD	mm	594X810X301	594X810X301	752x910x330
Outdoor Unit Net Weight	kg	33.0	33.0	49.5
Indoor Noise Level-Quiet	dB(A)	36	42	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 Twin Rotary	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.

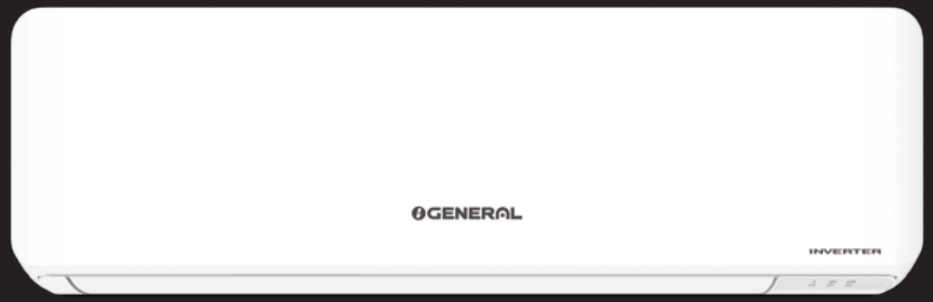
INSTALLATION CHECK POINTS

Unit Capacity		1.0-Ton	1.52-Ton	2.0-Ton
Model No.		ASGG12CGWA-B	ASGG18CGWA-B	ASGG24CGWA-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	5.3	8.4	9.5
	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
	Circuit Breaker Current in A	16	20	20
Piping Size & Thickness	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35
	Pipe size-Suction in mm	Ø 12.70	Ø 12.70	Ø 15.88
Pipe Limitation & Additional Refrigerant Charge	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	15	15	15
	Maximum Height Difference in m	10	10	10
	Pre-Charged Refrigerant in g	700	830	1,330
	Standard Refrigerant Pre-Charged in m	5	5	5
	Additional Charge in g/m	15	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.

TROPICAL INVERTER

ASGG12CPAB-B
ASGG18CNAA-B



ASGG18CPAB-B
ASGG24CPAB-B

Scan for product video

CPA/CNA Series

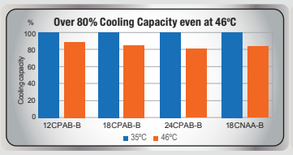
Star Rating:

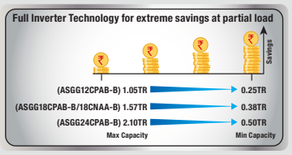
Model Number: ASGG12CPAB-B | ASGG18CPAB-B | ASGG24CPAB-B | ASGG18CNAA-B

Double

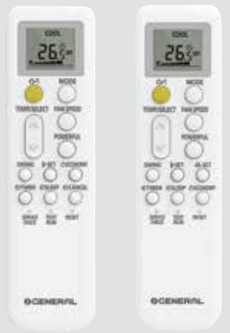
ADVANCED HYPER TROPICAL SPEC

- Advanced Hyper Tropical Product Design
- Coanda Airflow (18/24)
- Wide Voltage Range 155V ~ 280V
- Silicon Coated PCB for Long Life
- High Voltage Protection 700V
- 0.5°C Precision Temperature Control
- 5 Speed Fan Control
- Powerful Mode
- Quiet Operation
- Higher Moisture Removal Rate
- Self Diagnosis
- Double Swing Automatic-3D Airflow (18/24CPAB)
- 10 YEAR WARRANTY* ON INVERTER COMPRESSOR
- 5 YEAR WARRANTY* ON INVERTER OUTDOOR PCB
- With 3 Metres Piping FREE STANDARD INSTALLATION





ASGG12CPAB-B ASGG18CPAB-B
ASGG18CNAA-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 92 for specific modelwise features.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number / ODU Model Number	ASGG12CPAB-B / AOGG12CPAB-B	ASGG18CPAB-B / AOGG18CPAB-B	ASGG24CPAB-B / AOGG24CPAB-B	ASGG18CNAA-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.

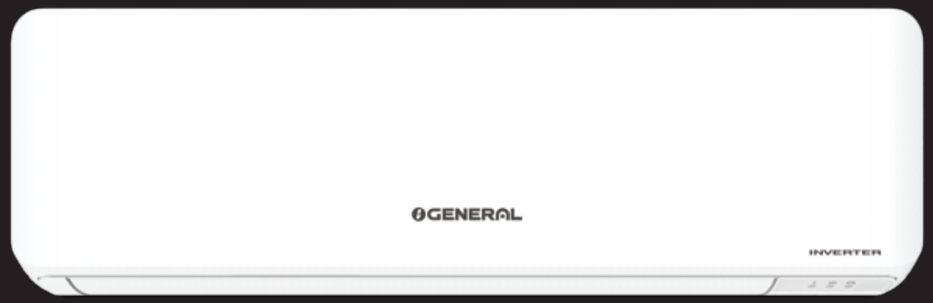
INSTALLATION CHECK POINTS

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 mm^2	1.5	1.5	1.5	1.5
	No. of Cores - ODU to IDU	4	4	4	4
	Power Cable in mm^2	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
	Circuit Breaker Current in A	15	15	15	15
Piping Size & Thickness	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 size-Suction in mm	Ø 9.52	Ø 12.70	Ø 12.70	Ø 12.70
Pipe Limitation & Additional Refrigerant Charge	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.

TROPICAL INVERTER

ASGG12CKAA-B
ASGG18CKAA-B



ASGG22CKAA-B

B2B & SSD EXCLUSIVE

CKA Series

Star Rating:

Model Number: ASGG12CKAA-B ASGG18CKAA-B ASGG22CKAA-B

ADVANCED HYPER TROPICAL SPEC

Advanced Hyper Tropical Design

Coanda Airflow (18/22)

Wide Voltage Range 155V ~ 265V

Conformal Coated PCB for Long Life

High Voltage Protection 700V

0.5°C Precision Temperature Control

5 Speed Fan Control

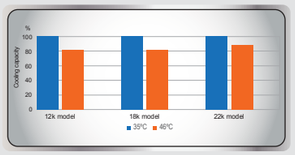
Powerful Mode

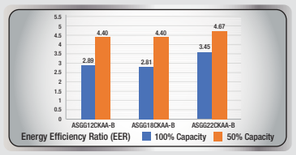
Quiet Operation

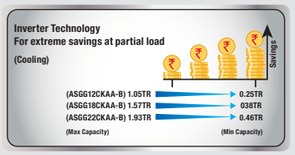
Higher Moisture Removal Rate

Self Diagnosis

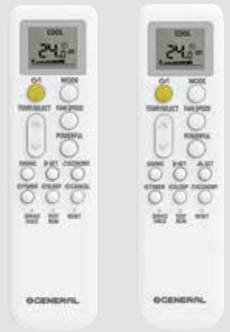
Double Swing Automatic-3D Airflow (22CKAA)







ASGG12CKAA-B
ASGG18CKAA-B ASGG22CKAA-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 92 for specific modelwise features.
CKA Series does not include installation piping kit.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGG12CKAA-B	ASGG18CKAA-B	ASGG22CKAA-B
	ODU Model Number	AOGG12CKAA-B	AOGG18CKAA-B	AOGG22CKAA-B
BEE Star Rating	-	3	3	3
Tonnage (Min~Max Cooling Capacity)	TR	1.0 (0.25~1.05)	1.5 (0.38~1.57)	1.834 (0.46~1.93)
Power Supply	Ph-Hz-V	1ϕ-50-230	1ϕ-50-230	1ϕ-50-230
Running Current	A	5.7	8.5	9.0
Standard Cooling at 100% Capacity (Min~Max)	W	3,520 (880~3700)	5,280 (1320~5540)	6,450 (1610~6770)
Standard Cooling at 50% Capacity	W	1,760	2,640	3,225
Power Consumption at 100% Capacity (Min~Max)	W	1,220 (200~1230)	1,880 (270~1960)	1,980 (340~2150)
Power Consumption at 50% Capacity	W	400	600	690
EER at 100% Capacity	W/W	2.89	2.81	3.26
EER at 50% Capacity	W/W	4.40	4.40	4.67
Rated ISEER	kWh/kWh	3.88	3.83	4.24
Electricity Consumption per Annum	kWh	702	1066	1176
Moisture Removal	l/h	1.5	1.9	2.3
Indoor Fan Speed Control Levels	-	5	5	5
Indoor Airflow Volume-Powerful	m3/h	700	940	1060
Indoor Airflow Distance	m	10	15	15
Indoor Unit Dimensions HxWxD	mm	270x834x239	270x834x239	280x980x240
Indoor Unit Net Weight	kg	10	10.5	12.5
Outdoor Unit Dimensions HxWxD	mm	541x663x290	541x663x290	632x799x290
Outdoor Unit Net Weight	kg	21.0	25.0	33.0
Indoor Noise Level-Quiet	dB(A)	22	28	29
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 (10)	3~20 (10)	3~20 (10)
Max Height Difference	m	15	15	15
Ambient Operating Temperature Range	°C	18°C ~ 55°C	18°C ~ 55°C	18°C ~ 55°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 Rotary	Advanced 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.

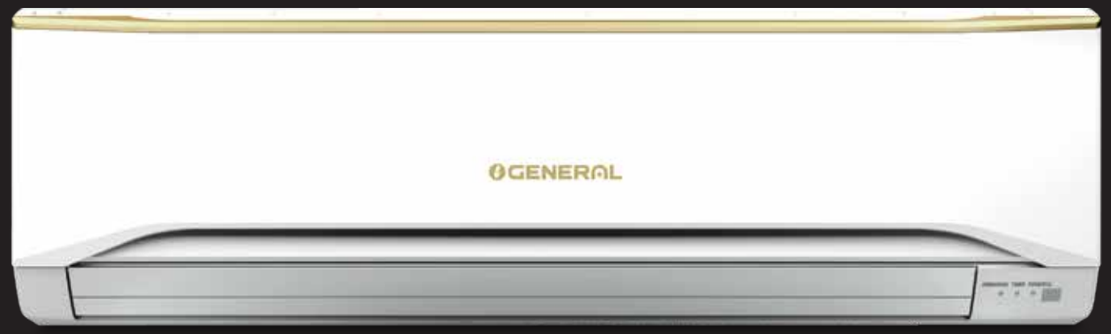
INSTALLATION CHECK POINTS

Unit Capacity		1.0-Ton	1.5-Ton	1.834-Ton
Model No.		ASGG12CKAA-B	ASGG18CKAA-B	ASGG22CKAA-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	7.0	9.5	10.5
	Starting Current in A	5.7	8.5	8.5
	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	26
	Circuit Breaker Current in A	15	15	15
Piping Size & Thickness	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	0.8
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35
	Pipe size-Suction in mm	Ø 9.52	Ø 12.70	Ø 12.70
Pipe Limitation & Additional Refrigerant Charge	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	20	20	20
	Maximum Height Difference in m	15	15	15
	Pre-Charged Refrigerant in g	450	550	750
	Standard Refrigerant Pre-Charged in m	10	10	10
	Additional Charge in g/m	20	20	20
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.				

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

TROPICAL INNOVATION SPLIT

Scan for product video



BUT Series

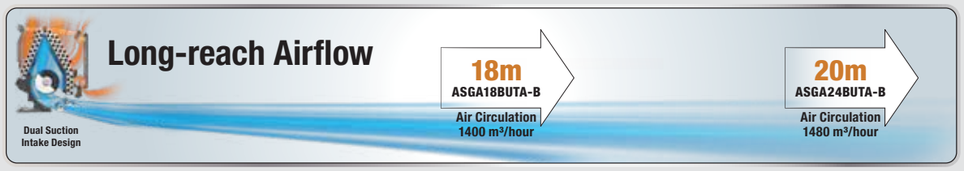
Star Rating:

Model Number: ASGA18BUTA-B ASGA24BUTA-B

HYPER TROPICAL SPEC

- Hyper Tropical Product Design
- Coanda Airflow (24) — 20m
- 6 Speed Fan Control — Powerful, Super High, High, Mod, Low, Quiet
- Double Swing Automatic-3D Airflow — Double
- POWERFUL
- Integrated ON - OFF Timer
- Quiet Operation
- Self Diagnosis
- Blue Fin Condenser
- 5 YEAR WARRANTY* ON COMPRESSOR
- With 3 Metres Piping FREE STANDARD INSTALLATION

Wireless Remote



*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 93 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	1ϕ-50-230	1ϕ-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

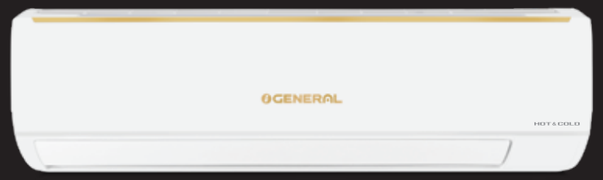
*Specifications, design and features are tentative and subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions; Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor 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

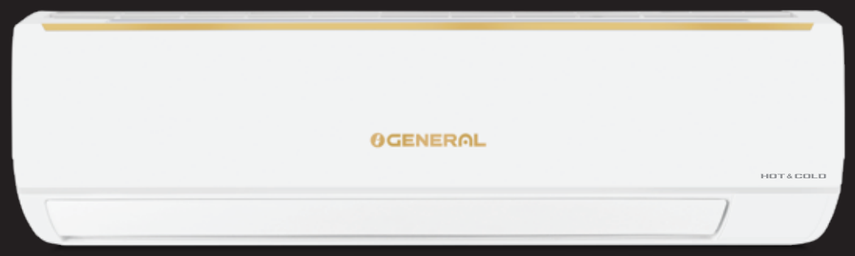
Unit Capacity		1.5-Ton	2.0-Ton
Model No.		ASGA18BUTA-B	ASGA24BUTA-B
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT	
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase	
	Proper Earthing	Mandatory	
	Main Power N & E	± 3 Volts	
	Resistance (To be measured with ground test meter)	<25 Ohms	
ODU 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 mm^2	1.5	1.5
	No. of Cores - ODU to IDU	4	4
	Power Cable in mm^2	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
	Circuit Breaker Current in A	20	20
Piping Size & Thickness	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 size-Suction in mm	Ø 15.88	Ø 15.88
Pipe Limitation & Additional Refrigerant Charge	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	1,840
	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 in above table is tentative and 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 – HOT & COLD



ASGA14NMWA-B



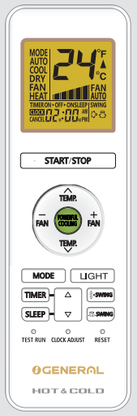
ASGA18NMWA-B

ASGA24NMWA-B

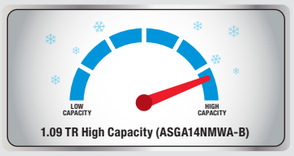
NMW Series

Star Rating:

Model Number: ASGA14NMWA-B ASGA18NMWA-B ASGA24NMWA-B



Wireless Remote



*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 94 for specific modelwise features.

TECHNICAL SPECIFICATIONS

PARAMETERS		IDU Model Number	ASGA14NMWA-B	ASGA18NMWA-B	ASGA24NMWA-B
		ODU Model Number	AOGA14NMWA-B	AOGA18NMWA-B	AOGA24NMWA-B
BEE Star Rating	Cooling	-	3	3	3
Tonnage	Cooling	TR	1.09	1.51	2.02
	Heating		0.97	1.34	1.83
Power Supply		Ph-Hz-V	1ϕ-50-230	1ϕ-50-230	1ϕ-50-230
Running Current	Cooling	A	4.53	6.23	8.35
	Heating		3.95	5.25	7.76
Standard Cooling at 100% Capacity		W	3,850	5,300	7,100
Standard Heating at 100% Capacity		W	3,400	4,700	6,450
Power Consumption at 100% Cooling Capacity		W	992	1,365	1,830
Power Consumption at 100% Heating Capacity		W	865	1,150	1,700
EER at 100% Capacity	Cooling	W/W	3.88	3.88	3.88
COP	Heating	W/W	3.93	4.09	3.79
Rated ISEER	Cooling	-	3.88	3.88	3.88
Electricity Consumption per Annum	Cooling	kWh	768	1057	1417
Moisture Removal		l/h	0.2	0.6	2.3
Indoor Fan Speed Control levels		-	6	6	6
Indoor Airflow Volume-Powerful	Cooling	m3/h	1,120	1,350	1,350
	Heating		950	1,180	1,400
Max Indoor Airflow Distance	Cooling	m	10	15	15
Indoor Unit Dimensions HxWxD		mm	295X1000X230	330X1100X250	330X1100X250
Indoor Unit Net Weight		kg	11	14	14
Outdoor Unit Dimensions HxWxD		mm	594X810X301	645X810X301	790X1030X380
Outdoor Unit Net Weight		kg	38.0	47.0	67.0
Indoor Noise Level-Quiet	Cooling	dB(A)	34	41	42
	Heating		35	40	41
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	Cooling	°C	18°C ~ 52°C	18°C ~ 52°C	18°C ~ 52°C
	Heating		0°C ~ 30°C	0°C ~ 30°C	0°C ~ 30°C
Operating Voltage Range		V	207V ~ 253V	207V ~ 253V	207V ~ 253V
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

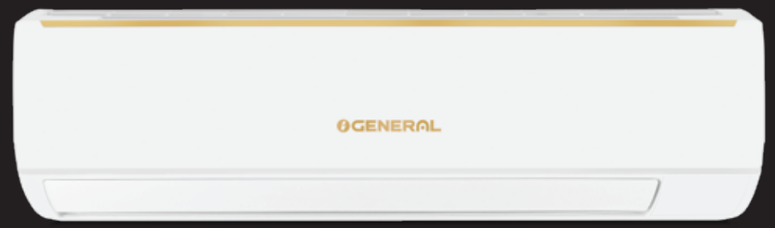
*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions; Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 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

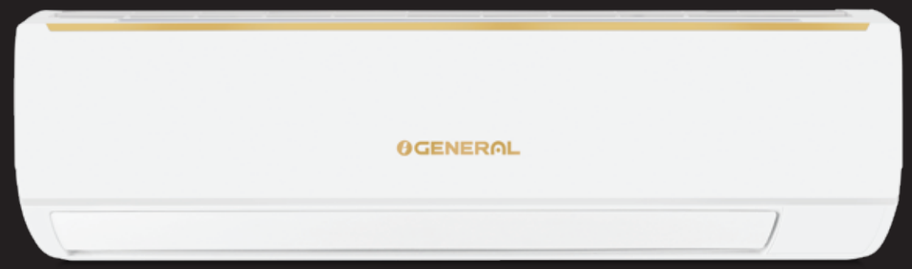
Unit Capacity		1.09-Ton	1.51-Ton	2.02-Ton
Model No.		ASGA14NMWA-B	ASGA18NMWA-B	ASGA24NMWA-B
Check for Main Power Supply	Main Power Supply at	INDOOR UNIT		
	Main Power Source P & N	230 Volts/50Hz/1 Phase		
	Proper Earthing	Mandatory		
	Main Power N & E	± 3 Volts		
	Resistance (To be measured with ground test meter)	<25 Ohms		
ODU to IDU Wiring	Maximum Operating Current in A *1	7	11	14
	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
	Circuit Breaker Current in A	16	20	20
Piping Size & Thickness	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	0.8
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35
	Pipe size-Suction in mm	Ø 12.70	Ø 12.70	Ø 15.88
Pipe Limitation & Additional Refrigerant Charge	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	15	15	15
	Maximum Height Difference in m	10	10	10
	Pre-Charged Refrigerant in g	900	1150	1,780
	Standard Refrigerant Pre-Charged in m	5	5	5
	Additional Charge in g/m	15	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



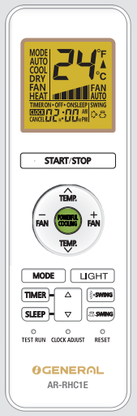
ASGA18BMAA-B

ASGA24BMAA-B

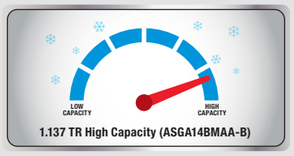
BMA Series

Star Rating:

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



Wireless Remote



*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 93 for specific modelwise features.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number / ODU Model Number	ASGA14BMAA-B / AOGA14BMAA-B	ASGA18BMAA-B / AOGA18BMAA-B	ASGA24BMAA-B / AOGA24BMAA-B
BEE Star Rating	-	3	3	3
Tonnage	TR	1.137	1.5	2.0
Power Supply	Ph-Hz-V	1ϕ-50-230	1ϕ-50-230	1ϕ-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
	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
	Circuit Breaker Current in A	16	20	20
Piping Size & Thickness	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	0.8
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35
	Pipe size-Suction in mm	Ø 12.70	Ø 12.70	Ø 15.88
Pipe Limitation & Additional Refrigerant Charge	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	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.				

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.

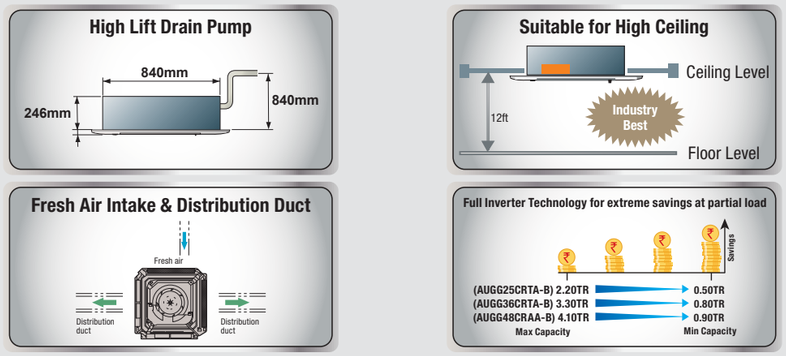
EFFICIENT & TROPICAL INVERTER CASSETTE

CRT Series

Star Rating:

Model Number: AUGG25CRTA-B | AUGG36CRTA-B (LCAC) | AUGG48CRAA-B (LCAC)

ADVANCED HYPER TROPICAL SPEC



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 95 for specific modelwise features.
CRT Series does not include installation piping kit.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number / ODU Model Number	AUGG25CRTA-B / AOGG25CBTA-B	AUGG36CRTA-B / AOGG36CBTA-B	AUGG48CRAA-B / AOGG48CRAA-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	1ϕ-50-230	1ϕ-50-230	3ϕ-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
	Circuit Breaker Current in A	30	30	30
Piping Size & Thickness	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 size-Suction in mm	Ø 12.70	Ø 15.88	Ø 15.88
Pipe Limitation & Additional Refrigerant Charge	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.				

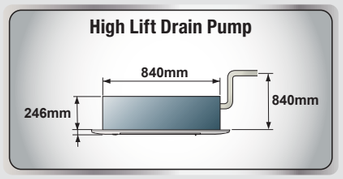
Information is subject to change without prior notice.
*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.
*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.

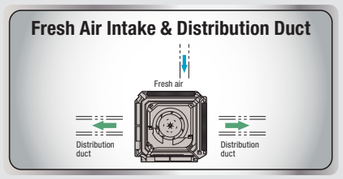
TROPICAL CASSETTE

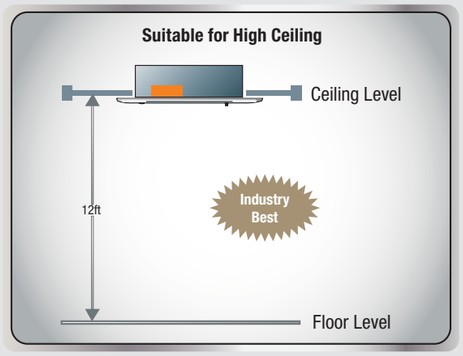
BRT Series

Star Rating:

Model Number: AUGA25BRTA-B AUGA36BRTA-B (LCAC)







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 96 for specific modelwise features.
BRT Series does not include installation piping kit.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	AUGA25BRTA-B	AUGA36BRTA-B
	ODU Model Number	AOGA25BRWA-B	AOGA36BRWA-B
BEE Star Rating	-	3	2 (LCAC)
Tonnage	TR	2.0	3.0
Power Supply	Ph-Hz-V	1ϕ-50-230	1ϕ-50-230
Running Current	A	8.3	14.6
Standard Cooling at 100% Capacity	W	7,100	10,550
Power Consumption at 100% Capacity	W	1,825	3,190
Rated ISEER	kWh/kWh	3.89	3.31
Electricity Consumption per Annum	kWh	1413	2470
Moisture Removal	l/h	2.7	3.8
Indoor Fan Speed Control Levels	-	4	4
Indoor Airflow Volume-High	m3/h	1150	1720
Indoor Unit Dimensions HxWxD	mm	246x840x840	288x840x840
Indoor Unit Net Weight	kg	24.0	29.0
Grille Dimensions HxWxD	mm	53x950x950	53x950x950
Outdoor Unit Dimensions HxWxD	mm	752x910x330	971x1080x450
Outdoor Unit Net Weight	kg	56.0	87.0
Indoor Noise Level-Quiet	dB(A)	29	40
Connection Pipe (Gas / Liquid)	mm	15.88 / 6.35	19.05 / 9.52
Pipe Length Min~Max (Precharged)	m	5~25 (7)	5~50 (7)
Max Height Difference	m	15.0	30
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

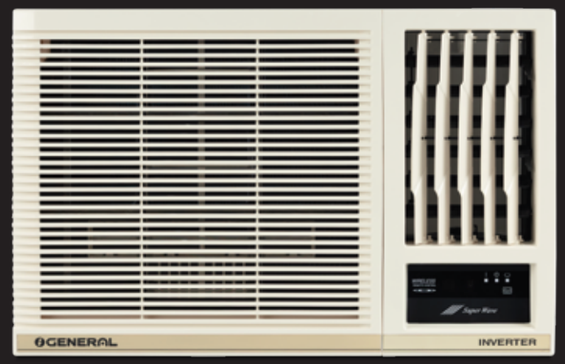
*Specifications, design and features are tentative and subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions; Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor 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
Model No.		AOGA25BRWA-B	AOGA36BRWA-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	20
	Connection Cord ODU to IDU in mm²	1.5—2.5	1.5—2.5
	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	26	51
	Circuit Breaker Current in A	30	30
Piping Size & Thickness	Type of Gas	R32	R32
	Copper Pipe Thickness in mm	1.0	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 9.52
	Pipe size-Suction in mm	Ø 15.88	Ø 19.05
Pipe Limitation & Additional Refrigerant Charge	Minimum Pipe Length in m	5	5
	Maximum Pipe Length in m	25	50
	Maximum Height Difference in m	15	30
	Pre-Charged Refrigerant in g	1,750	3,200
	Standard Refrigerant Pre-Charged in m	7	7
	Additional Charge in g/m	20	20
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.			

Information in above table is tentative and 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



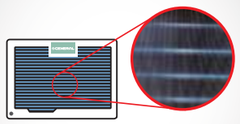
CHA Series

Star Rating:

Model Number: AFGB14CHWA-B AXGB18CHAA-B AXGB22CHAA-B

HYPER TROPICAL SPEC

- Hyper Tropical Product Design
- Super Wave Technology
- Auto Restart
- Backlit Remote
- Wide Airflow
- 3 Speed Fan Control
- Self Diagnosis
- Conformal Coated PCB for Long Life
- High Voltage Protection 700V
- Integrated ON - OFF Timer
- 10 YEAR WARRANTY* ON INVERTER COMPRESSOR
- 5 YEAR WARRANTY* ON INVERTER PCB
- FREE STANDARD INSTALLATION



Blue Fin Condenser

Blue Fin Evaporator

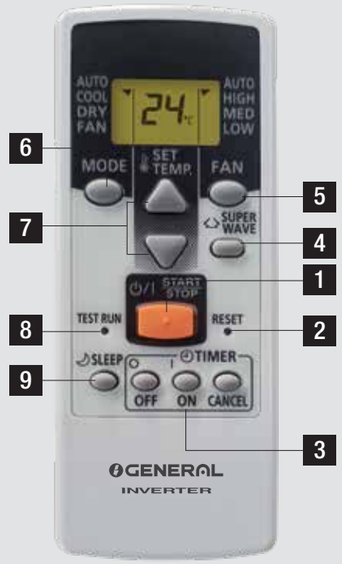
*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 97 for specific modelwise features.

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	1ϕ-50-230	1ϕ-50-230	1ϕ-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.

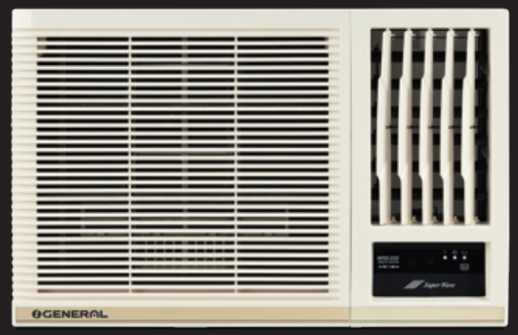
REMOTE CONTROLLER FEATURES



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

TROPICAL WINDOW

AMGB09BBWA-B



AFGB14BBAA-B
AXGB18BBAA-B
AXGB22BBAA-B

BBA Series

Star Rating:

Model Number: AMGB09BBWA-B | AFGB14BBAA-B | AXGB18BBAA-B | AXGB22BBAA-B

HYPER TROPICAL SPEC

Hyper Tropical Product Design

Super Wave Technology

Auto Restart

Backlit Remote

3 Speed Fan Control

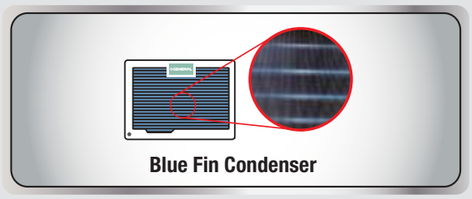
Wide Airflow

Integrated ON - OFF Timer

Conformal Coated PCB for Long Life

High Voltage Protection 700V

5 YEAR WARRANTY* ON COMPRESSOR



Blue Fin Condenser

Blue Fin Evaporator

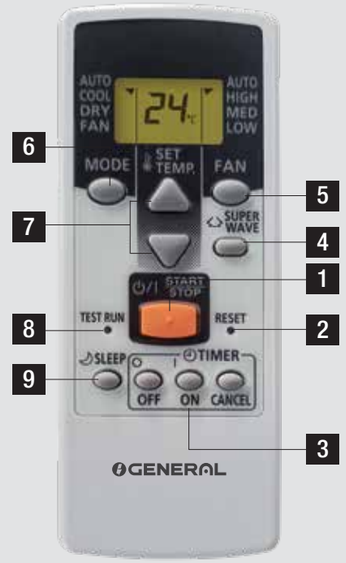
*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 98 for specific modelwise features.

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	1ϕ-50-230	1ϕ-50-230	1ϕ-50-230	1ϕ-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

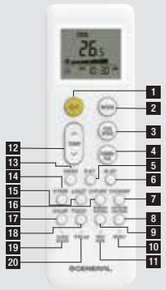


1. START/STOP BUTTON
2. RESET BUTTON
3. TIMER BUTTON
4. SUPER WAVE BUTTON
5. FAN BUTTON
6. MODE BUTTON
7. SET TEMPERATURE (▲/▼) BUTTON
8. TEST RUN BUTTON
9. SLEEP BUTTON

FEATURE PACKED WIRELESS REMOTE CONTROLLERS

Inverter Split Air Conditioners

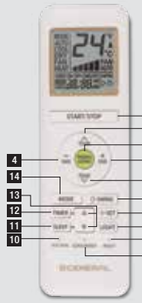
EFFICIENT & TROPICAL INVERTER - HOT & COLD



(ASGG18/24/30KJTA-B)

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

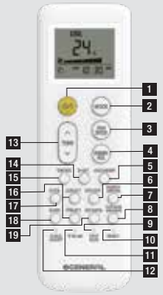
TROPICAL INNOVATION INVERTER



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

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

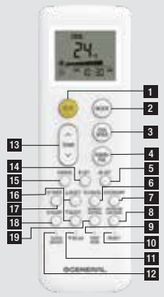
EFFICIENT & TROPICAL INVERTER



(ASGG12CGAA-B)

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

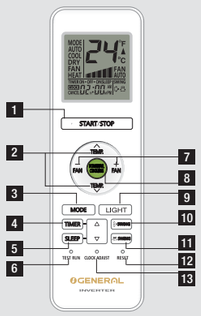
EFFICIENT & TROPICAL INVERTER



(ASGG18/24CGAA-B)

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

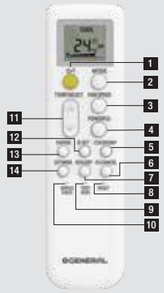
EFFICIENT & TROPICAL INVERTER



(ASGG12/18/24CGWA-B)

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. LIGHT BUTTON
10. VERTICAL SWING BUTTON
11. HORIZONTAL SWING BUTTON
12. RESET BUTTON
13. CLOCK ADJUST BUTTON

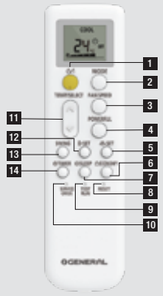
TROPICAL INVERTER



(ASGG12CPAB-B)
(ASGG18CNAA-B)
(ASGG12/18CKAA-B)

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

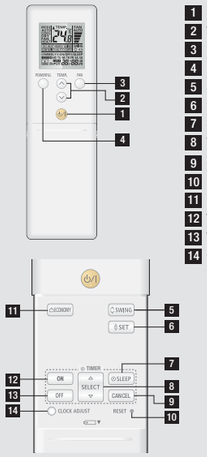
TROPICAL INVERTER



(ASGG18/24CPAB-B)
(ASGG22CKAA-B)

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

EFFICIENT & TROPICAL INVERTER CASSETTE

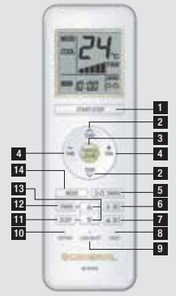


(AUGG25/36CRTA-B)
(AUGG48CRAA-B)

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

Fixed Speed Split Air Conditioners

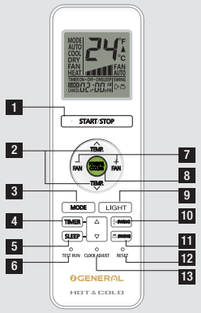
TROPICAL INNOVATION SPLIT



(ASGA18/24BUTA-B)

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

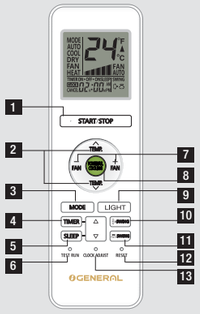
EXTREME COOLING SPLIT – HOT & COLD



(ASGA14/18/24NMWA-B)

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. LIGHT BUTTON
10. VERTICAL SWING BUTTON
11. HORIZONTAL SWING BUTTON
12. RESET BUTTON
13. CLOCK ADJUST BUTTON

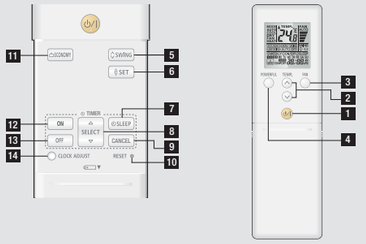
EXTREME COOLING SPLIT



(ASGA14/18/24BMAA-B)

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. LIGHT BUTTON
10. VERTICAL SWING BUTTON
11. HORIZONTAL SWING BUTTON
12. RESET BUTTON
13. CLOCK ADJUST BUTTON

TROPICAL CASSETTE



(AUGA25/36BRTA-B)

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

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.

Hyper Tropical Spec
Tropical design for high ambient operation upto 52ºC.

Advanced Hyper Tropical Spec
Tropical design for high ambient operation upto 55ºC.

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.

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

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.

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

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

ODU Low Noise Operation
Lowers noise from the outdoor unit by decreasing rotation speed of compressor and outdoor fan. (CK/KJ Series)

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.

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

WLAN Adapter
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 hydrophillic coated condenser provides protection against rust and salt damage.

AFM Technology
Advanced Frequency Modulation Technology provides higher efficiency and better performanceof the compressor.

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

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

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

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. (BM Series)

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.

Wide Voltage Range
Ability to operate over a wide voltage range to accommotate unstable voltage conditions.

Wide Airflow
Distributes cool air over a wide area ensuring uniform cooling across the room.

	FEATURES	INVERTER SPLIT - HOT & COLD		
		ASGG18KJTA-B	ASGG24KJTA-B	ASGG30KJTA-B
COMFORT	UP / DOWN LOUVERS	o	o	o
	LEFT / RIGHT SWING LOUVERS	o	o	o
	DOUBLE SWING AUTOMATIC - 3D	o	o	o
	POWER AIRFLOW DUAL LOUVERS	SINGLE	SINGLE	o
	WIDE ANGLE LOUVERS	o	o	o
	AUTOMATIC AIRFLOW ADJUSTMENT	o	o	o
	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
CONVENIENCE	POWERFUL MODE	o	o	o
	MILDEW RESISTANT FILTER	o	o	o
	PM 2.5 FILTER	o	o	o
	COMPRESSOR INSULATION JACKET	o	o	o
	OUTDOOR LOW NOISE OPERATION	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
LONG LIFE	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	-
PERFORMANCE	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	INVERTER SPLIT - COOLING									
		ASGG 18CETB-B	ASGG 24CETB-B	ASGG 30CETB-B	ASGG 36CETB-B	ASGG 12CGAA-B	ASGG 18CGAA-B	ASGG 24CGAA-B	ASGG 12CGWA-B	ASGG 18CGWA-B	ASGG 24CGWA-B
COMFORT	UP / DOWN LOUVERS	o	o	o	o	o	o	o	o	o	o
	LEFT / RIGHT SWING LOUVERS	o	o	o	o	-	o	o	o	o	o
	DOUBLE SWING AUTOMATIC -3D	o	o	o	o	-	o	o	o	o	o
	POWER AIRFLOW DUAL LOUVERS	o	o	o	o	SINGLE	SINGLE	SINGLE	SINGLE	SINGLE	SINGLE
	WIDE ANGLE LOUVERS	o	o	o	o	o	o	o	o	o	o
	AUTOMATIC AIRFLOW ADJUSTMENT	o	o	o	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	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	o	o	o
	COANDA AIRFLOW	o 18m	o 20m	o 25m	o 25m	o 10m	o 15m	o 15m	o 10m	o 15m	o 15m
	POWERFUL MODE	o	o	o	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	6	6	6
	WASHABLE PANEL	o	o	o	o	o	o	o	o	o	o
	SLEEP TIMER	o	o	o	o	o	o	o	o	o	o
	COIL AUTO DRY FUNCTION	-	-	-	-	-	-	-	o	o	o
	HUMAN SENSOR	-	-	-	-	o	o	o	-	-	-
	ECONOMY MODE	-	-	-	-	o	o	o	-	-	-
	WIRELESS REMOTE CONTROLLER	o	o	o	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	o	o	o
LONG LIFE	TEMPERATURE DISPLAY	-	-	-	-	-	-	-	o	o	o
	TEMPERATURE DISPLAY LIGHT ON/OFF	-	-	-	-	-	-	-	o	o	o
	0.5OC PRECISE TEMPERATURE CONTROL	-	-	-	-	o	o	o	-	-	-
	AUTO RESTART	o	o	o	o	o	o	o	o	o	o
	LONG PIPE	o	o	o	o	o	o	o	o	o	o
	PROGRAM TIMER	o	o	o	o	o	o	o	o	o	o
	CORROSION RESISTANT ODU	o	o	o	o	o	o	o	o	o	o
	ANTI-CORROSION HEAT EXCHANGER IN IDU	o	o	o	o	o	o	o	-	-	-
PERFORMANCE	POWDER COATED OUTDOOR UNIT	o	o	o	o	o	o	o	o	o	o
	CONFORMAL COATED PCB	o	o	o	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	o	o	o
	BLUE FIN EVAPORATOR	-	-	-	-	-	-	-	o	o	o
	CONDENSER PROTECTION GRILL	o	o	o	o	o	o	o	o	o	o
	BLDC MOTOR INDOOR UNIT	o	o	o	o	o	o	o	o	o	o
	INNER GROOVE COPPER TUBE	o	o	o	o	o	o	o	o	o	o
	DUAL SUCTION INTAKE DESIGN	o	o	o	o	-	-	-	-	-	-
	SELF DIAGNOSIS	o	o	o	o	o	o	o	o	o	o

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

	FEATURES	INVERTER SPLIT - COOLING						
		ASGG12CPAB-B	ASGG18CPAB-B	ASGG24CPAB-B	ASGG18CNAA-B	ASGG12CKAA-B	ASGG18CKAA-B	ASGG22CKAA-B
CONVENIENCE	UP / DOWN LOUVERS	o	o	o	o	o	o	o
	LEFT / RIGHT SWING LOUVERS	-	o	o	-	-	-	o
	DOUBLE SWING AUTOMATIC -3D	-	o	o	-	-	-	o
	POWER AIRFLOW DUAL LOUVERS	SINGLE	SINGLE	SINGLE	SINGLE	SINGLE	SINGLE	SINGLE
	WIDE ANGLE LOUVERS	o	o	o	o	o	o	o
	AUTOMATIC AIRFLOW ADJUSTMENT	o	o	o	o	o	o	o
COMFORT	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	o	o	o	o
	ADVANCED FREQUENCY MODULATION	o	o	o	o	o	o	o
	COANDA AIRFLOW	o 10m	o 15m	o 15m	o 15m	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 (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)
	COMPRESSOR INSULATION JACKET	o	o	o	o	o	o	o
LONG LIFE	FAN SPEED CONTROL LEVELS	5	5	5	5	5	5	5
	WASHABLE PANEL	o	o	o	o	o	o	o
	SLEEP TIMER	o	o	o	o	o	o	o
	ECONOMY MODE	o	o	o	o	o	o	o
	WIRELESS REMOTE CONTROLLER	o	o	o	o	o	o	o
	GROUP CONTROL SYSTEM	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)	o (Optional)
	0.5OC PRECISE TEMPERATURE CONTROL	o	o	o	o	o	o	o
	AUTO RESTART	o	o	o	o	o	o	o
PERFORMANCE	LONG PIPE	o	o	o	o	o	o	o
	PROGRAM TIMER	o	o	o	o	o	o	o
	CORROSION RESISTANT ODU	o	o	o	o	o	o	o
	ANTI-CORROSION HEAT EXCHANGER IN IDU	o	o	o	o	o	o	o
	POWDER COATED OUTDOOR UNIT	o	o	o	o	o	o	o
	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
	SELF DIAGNOSIS	o	o	o	o	o	o	o

	FEATURES	FIXED SPEED SPLIT - COOLING				
		ASGA18BUTA-B	ASGA24BUTA-B	ASGA14BMAA-B	ASGA18BMAA-B	ASGA24BMAA-B
COMFORT	UP / DOWN LOUVERS	o	o	o	o	o
	LEFT / RIGHT SWING LOUVERS	o	o	o	o	o
	DOUBLE SWING AUTOMATIC - 3D	o	o	o	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
CONVENIENCE	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
LONG LIFE	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
PERFORMANCE	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	FIXED SPEED SPLIT - HOT & COLD		
		ASGA14NMWA-B	ASGA18NMWA-B	ASGA24NMWA-B
COMFORT	UP / DOWN LOUVERS	o	o	o
	LEFT / RIGHT SWING LOUVERS	o	o	o
	DOUBLE SWING AUTOMATIC - 3D	o	o	o
	POWER AIRFLOW DUAL LOUVERS	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 - MOISTURE PREVENTION	o	o	o
CONVENIENCE	COANDA AIRFLOW	o 10m	o 15m	o 15m
	POWERFUL MODE	o	o	o
	MILDEW RESISTANT FILTER	o	o	o
	COMPRESSOR INSULATION JACKET	o	o	o
	FAN SPEED CONTROL LEVELS	6	6	6
	WASHABLE PANEL	o	o	o
	SLEEP TIMER	o	o	o
	WIRELESS REMOTE CONTROLLER	o	o	o
PERFORMANCE	BACKLIT REMOTE	o	o	o
	TEMPERATURE DISPLAY	o	o	o
	TEMPERATURE DISPLAY LIGHT ON/OFF	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
LONG LIFE	CONFORMAL COATED PCB	o	o	o
	SURGE VOLTAGE PROTECTION	o	o	o
	BLUE FIN CONDENSOR	o	o	o
	BLUE FIN EVAPORATOR	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	o	o
	SELF DIAGNOSIS	o	o	o

NOTES:

	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 - MOISTURE PREVENTION	o	o	o
	CONNECTABLE DISTRIBUTING DUCT	o	o	o
CONVENIENCE	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
	WASHABLE PANEL	o	o	o
	SLEEP TIMER	o	o	o
	ECONOMY MODE	o	o	o
PERFORMANCE	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
	AUTO RESTART	o	o	o
	LONG PIPE	o	o	o
	PROGRAM TIMER	o	o	o
	WEEKLY TIMER	o	o	o
LONG LIFE	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:

	FEATURES	FIXED SPEED CASSETTE - COOLING	
		AUGA25BRTA-B	AUGA36BRTA-B
COMFORT	DRY FUNCTION	o	o
	CONNECTABLE DISTRIBUTING DUCT	o	o
	CONNECTABLE FRESH AIR DUCT	o	o
	MILDEW RESISTANT FILTER	o	o
	COMPRESSOR INSULATION JACKET	o	o
CONVENIENCE	FAN SPEED CONTROL LEVELS	o	o
	WASHABLE PANEL	o	o
	SLEEP TIMER	o	o
	ECONOMY MODE	o	o
	FILTER SIGN	o	o
	WIRELESS REMOTE CONTROLLER	4	4
	WIRED REMOTE CONTROLLER	o	o
	GROUP CONTROL SYSTEM	o	o
PERFORMANCE	AUTO RESTART	o	o
	LONG PIPE	o	o
	PROGRAM TIMER	o	o
	WEEKLY TIMER	o (Optional)	o (Optional)
	CORROSION RESISTANT ODU	o	o
LONG LIFE	POWDER COATED OUTDOOR UNIT	o	o
	SILICON/CONFORMAL COATED PCB	o	o
	BLUE FIN CONDENSER	o	o
	CONDENSOR PROTECTION GRILL	o	o
	INNER GROOVE COPPER TUBE	o	o
	SELF DIAGNOSIS	o	o

NOTES:

FEATURES	INVERTER WINDOW-COOLING		
	AFGB14CHWA-B	AXGB18CHAA-B	AXGB22CHAA-B
LEFT / RIGHT SWING LOUVERS	o	o	o
SUPER WAVE TECHNOLOGY	o	o	o
WIDE AIRFLOW	o	o	o
AUTOMATIC AIRFLOW ADJUSTMENT	o	o	o
FAN SPEED CONTROL LEVELS	3	3	3
WIRELESS REMOTE CONTROLLER	o	o	o
BACKLIT REMOTE	o	o	o
AUTO RESTART	o	o	o
WASHABLE PANEL	o	o	o
PROGRAM TIMER	o	o	o
SLEEP TIMER	o	o	o
ADVANCED FREQUENCY MODULATION	o	o	o
CONFORMAL COATED PCB	o	o	o
HIGH VOLTAGE PROTECTION	o	o	o
CORROSION RESISTANT BODY	o	o	o
BLUE FIN CONDENSER	o	o	o
BLUE FIN EVAPORATOR	o	o	o
INNER GROOVE COPPER TUBE	o	o	o
SELF DIAGNOSIS	o	o	o

NOTES:

FEATURES	FIXED SPEED WINDOW-COOLING			
	AMGB09BBWA-B	AFGB14BBAA-B	AXGB18BBAA-B	AXGB22BBAA-B
LEFT / RIGHT SWING LOUVERS	o	o	o	o
SUPER WAVE TECHNOLOGY	o	o	o	o
WIDE AIRFLOW	o	o	o	o
AUTOMATIC AIRFLOW ADJUSTMENT	o	o	o	o
FAN SPEED CONTROL LEVELS	3	3	3	3
WIRELESS REMOTE CONTROLLER	o	o	o	o
BACKLIT REMOTE	o	o	o	o
AUTO RESTART	o	o	o	o
WASHABLE PANEL	o	o	o	o
PROGRAM TIMER	o	o	o	o
SLEEP TIMER	o	o	o	o
CONFORMAL COATED PCB	o	o	o	o
HIGH VOLTAGE PROTECTION	o	o	o	o
CORROSION RESISTANT BODY	o	o	o	o
BLUE FIN CONDENSER	o	o	o	o
BLUE FIN EVAPORATOR	o	o	o	o
INNER GROOVE COPPER TUBE	o	o	o	o

NOTES:

NOTES:

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