

UPGRADE TO THE NEXT LEVEL





Presenting tropically designed air-conditioners that cool under extreme temperatures. Even at 55°C. Not just that, they cool even at extremely low and high voltages, and yes, they are built to last longer.



TRANSFORMATION

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

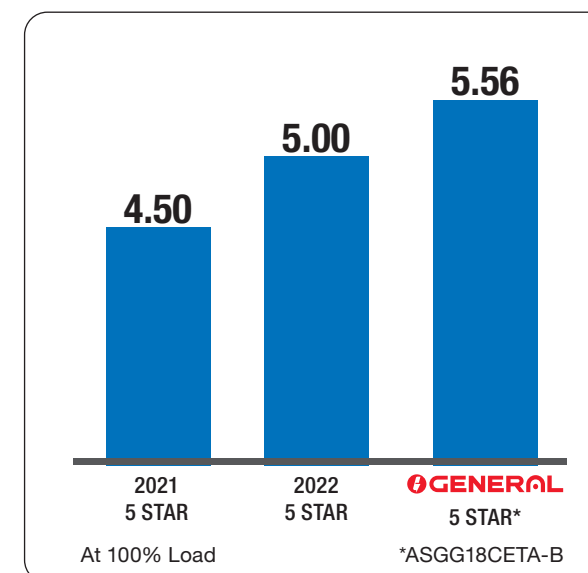


25m Long Reach Airflow

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

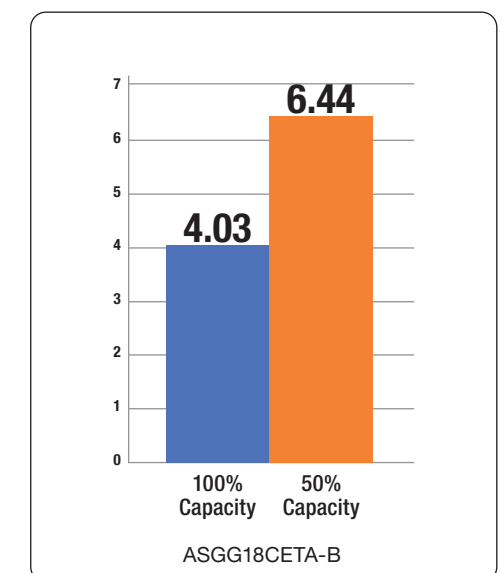
25m

Higher Seasonal Efficiency



Indian Seasonal Energy Efficiency Ratio (ISEER)
*wef 1st July 2022

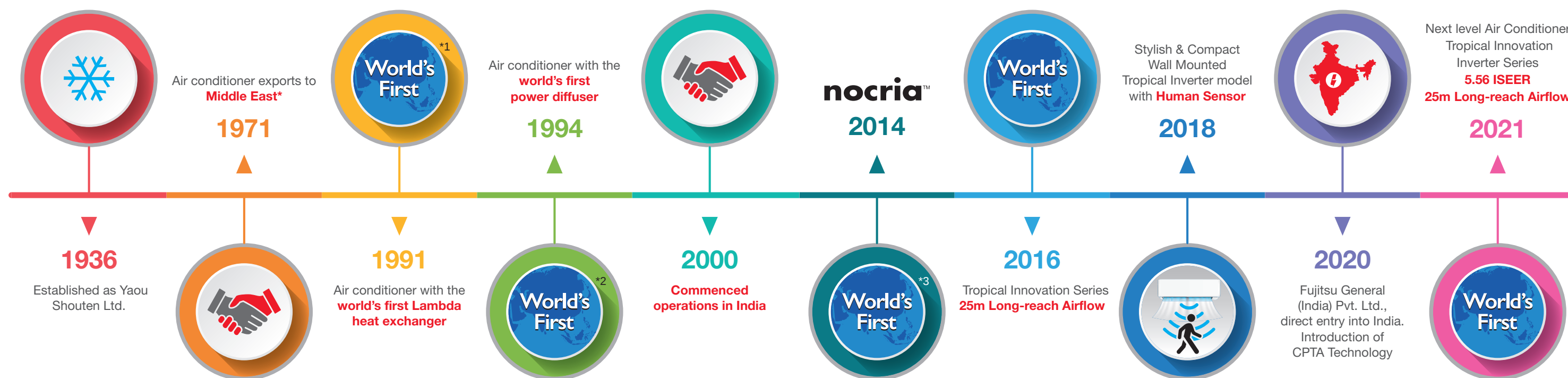
50% Load Efficiency for CET Series



Energy Efficiency Ratio (EER)



OUR JOURNEY...



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



CREATION OF COMFORT

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

High Quality Development and Production Environment

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

R&D Center and 60m Height Difference Testing Tower



JAPAN Head Office - R&D Center



Fujitsu General (Shanghai) Co. Ltd.



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



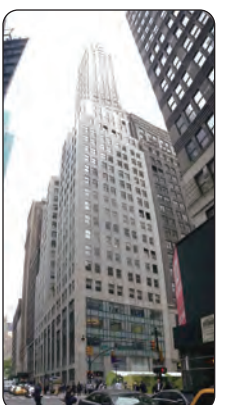
Fujitsu General Central Air Conditioner (Wuxi) Co. Ltd.



Fujitsu General (Thailand) Co. Ltd.



New Engineering and R&D Centre in Thailand



Fujitsu General Solution Centre “THE AIRSTAGE”



ADVANCED R&D FACILITY

Performance Testing



Air Volume Measurement Room



Calorimeter

Reliability Testing



Constant Temperature Room



Shower Test Room

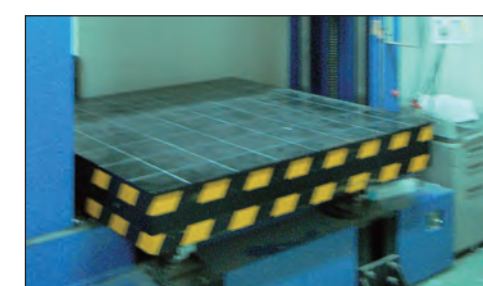
Transportation & Handling



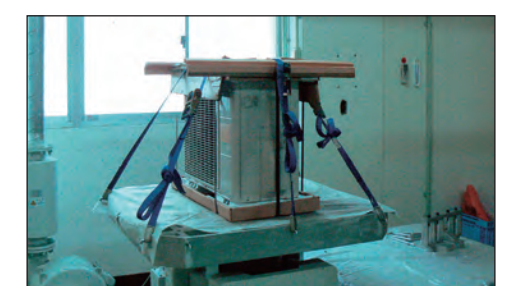
Practical Test Room



Acoustic Testing



Compressibility testing



Vibration testing



HIGH PRODUCT QUALITY ASSURANCE

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

Certifications - ISO

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

RoHS Compliant



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

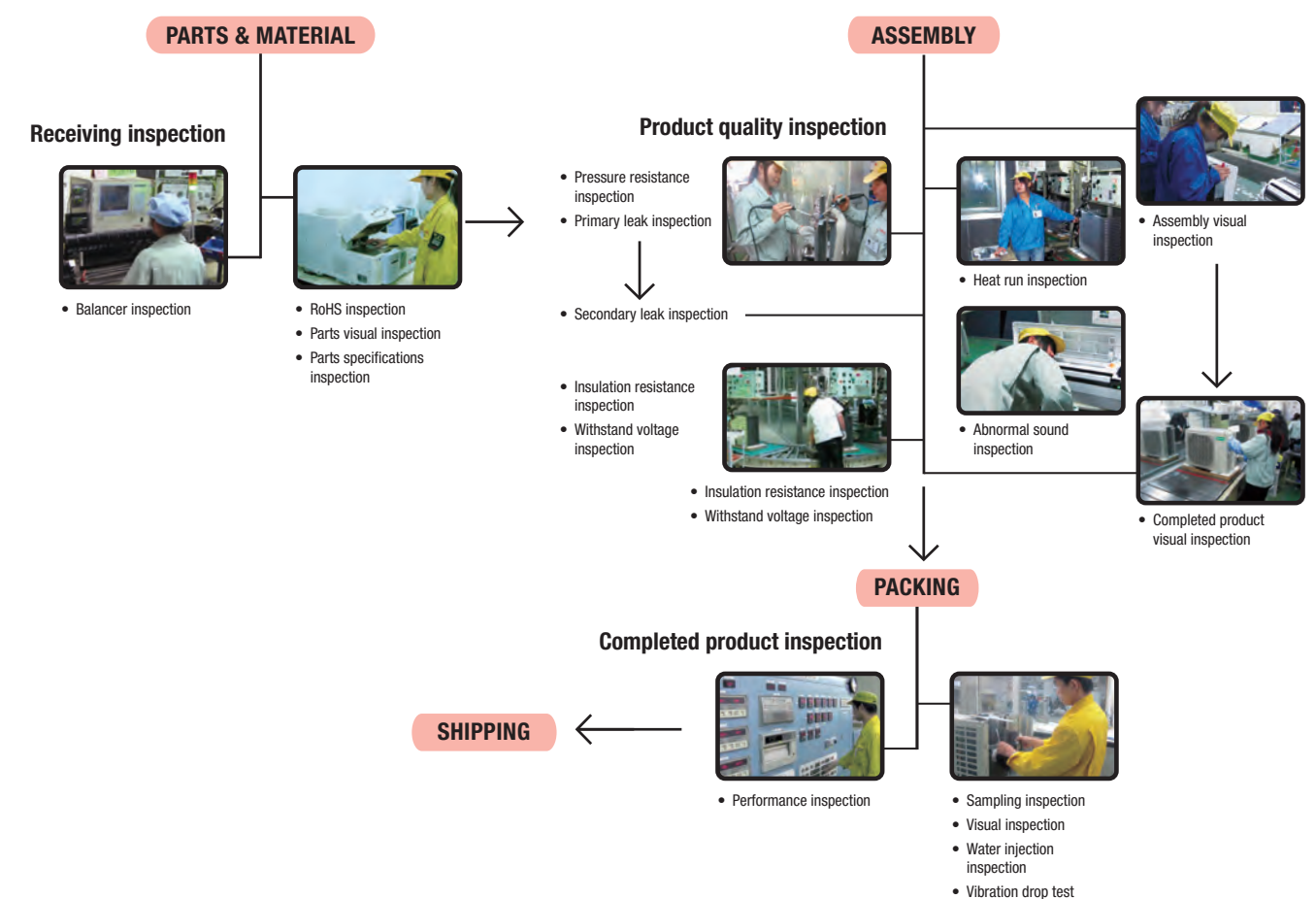
electronic equipment. It is an EU directive intended to protect the environment by forcing manufacturers to eliminate or severely curtail the use of cadmium, hexavalent chromium, and lead, in all products from automobiles to consumer electronics.

Receiving inspection

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

Stringent product quality inspection

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





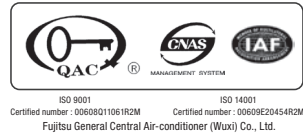
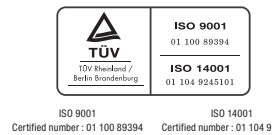
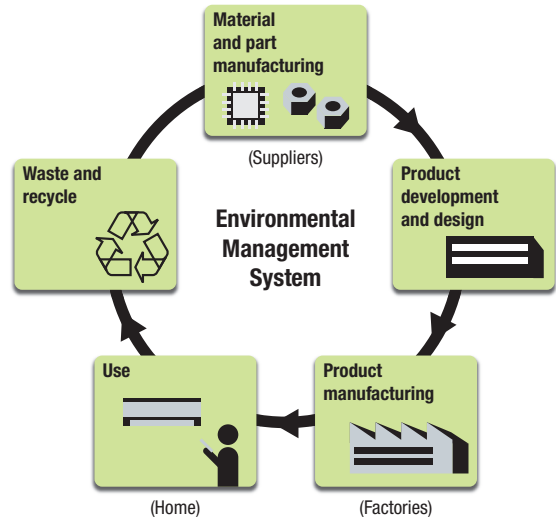
ENVIRONMENTAL MANAGEMENT SYSTEM



AWARDS AND CERTIFICATIONS

It's my planet

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





LUXURIOUS & ELEGANT DESIGN



INNOVATION IN TECHNOLOGY

Tropical Innovation Inverter Series



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

New Design



Golden Coloured Ornament



Trimmed Edge

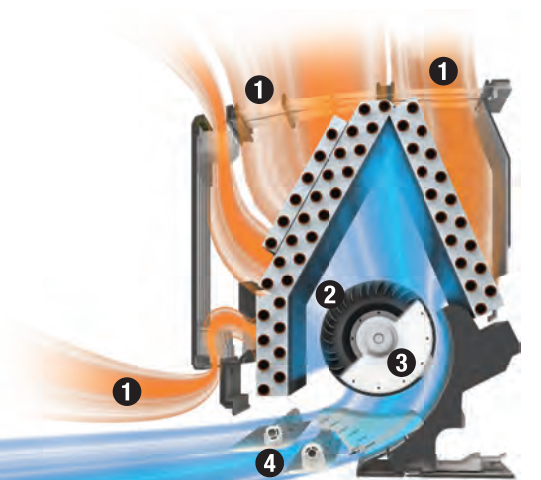


Dual Suction Intake

New Technology

- ❶ Dual suction intake
- ❷ New long cross-flow fan
- ❸ High output BLDC fan motor
- ❹ Powered dual louvers

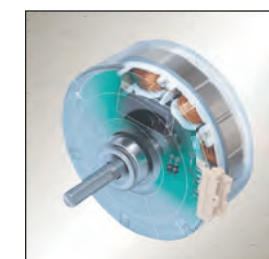
Optimized Airflow Design



- ❷ New long cross-flow fan



- ❸ High output BLDC fan motor



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

- Increase in motor efficiency
- Lesser vibration
- Lower noise



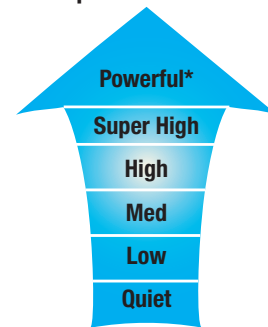
25 METRES LONG REACH AIR FLOW

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

Powerful Operation

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

6 Speed Fan Control

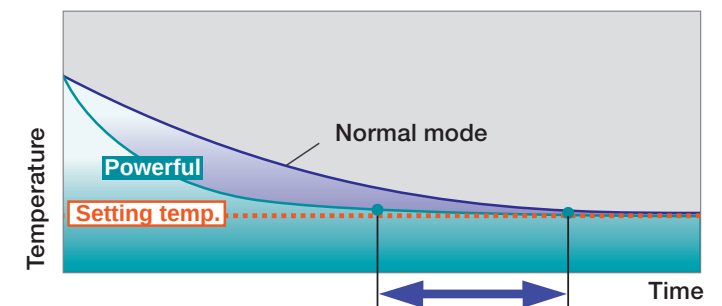


5 speed + Powerful cooling mode

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



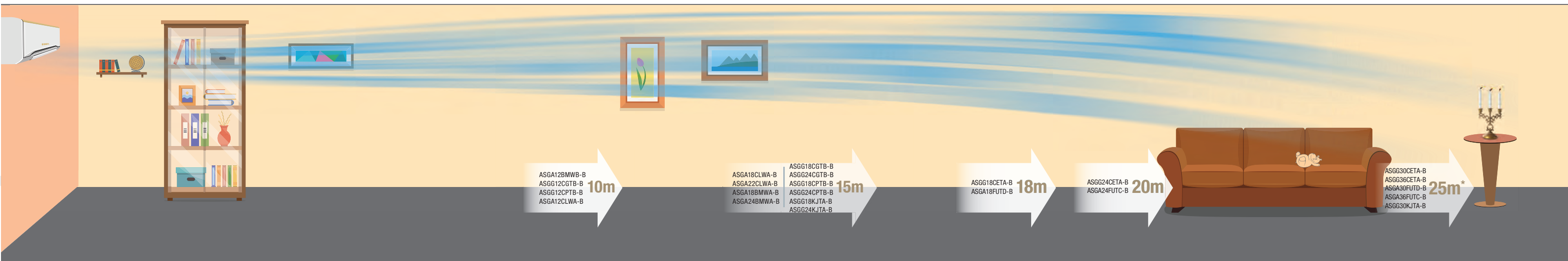
One touch powerful cooling mode



Cooling time in powerful mode is shorter than in normal mode



Certified 25m Airflow

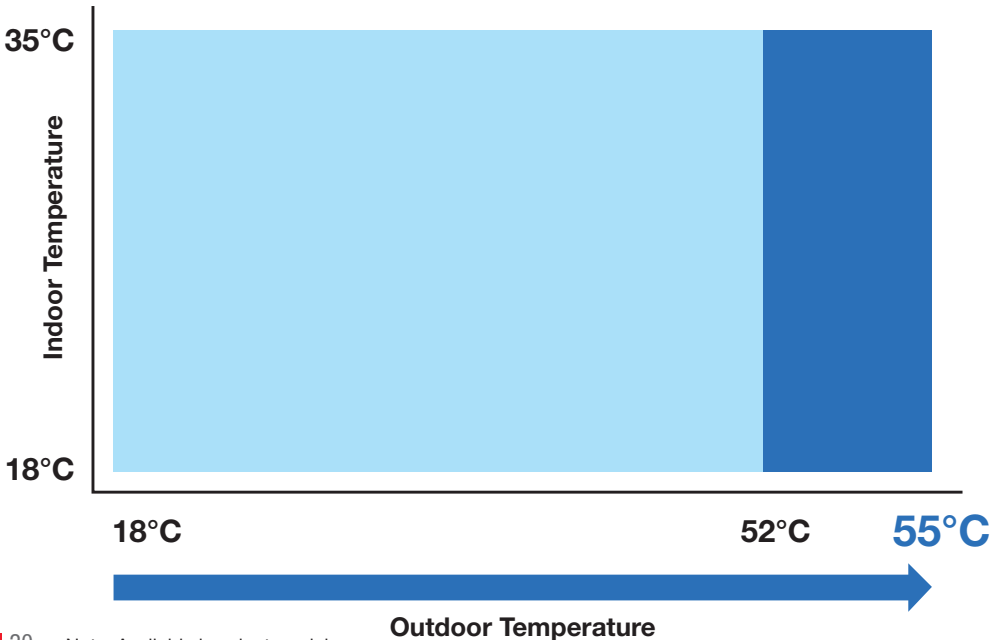
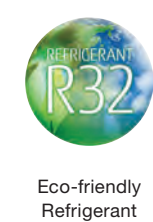


High, powerful cooling.

COOLING POWER FOR TROPICAL APPLICATION - CPTA TECHNOLOGY

Powerful Cooling

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



CET Series

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

CGT Series

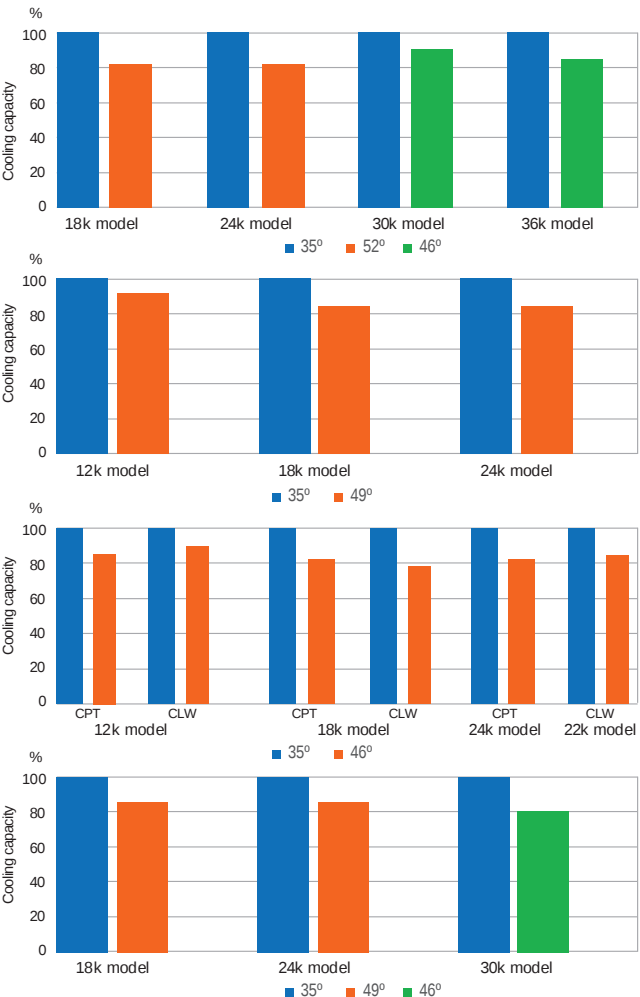
CGT series models are able to achieve over 80% cooling capacity even at 49°C because the indoor unit and outdoor unit components are optimized in order to improve cooling performance. They can also operate even at 55°C.

CPT / CLW Series

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

KJT Series

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

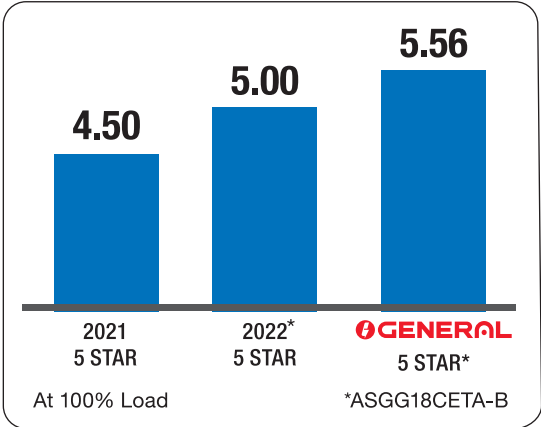




EXCELLENCE IN ENERGY EFFICIENCY

ISEER Upgrade

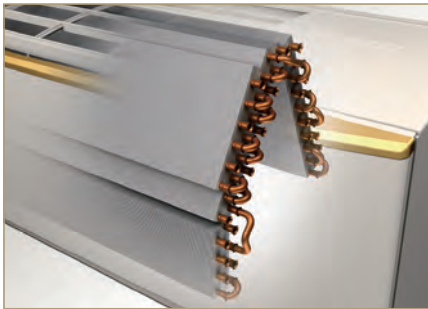
Top of the line energy efficiency of ISEER 5.56 that exceeds 5 star rating requirement in the year 2022 making it future ready.



Indian Seasonal Energy Efficiency Ratio (ISEER)
*wef 1st July 2022

High Energy Saving

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



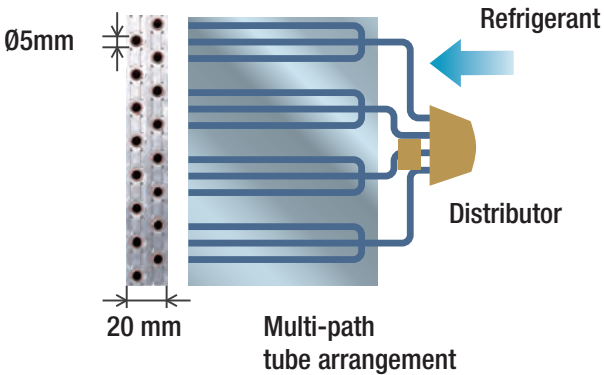
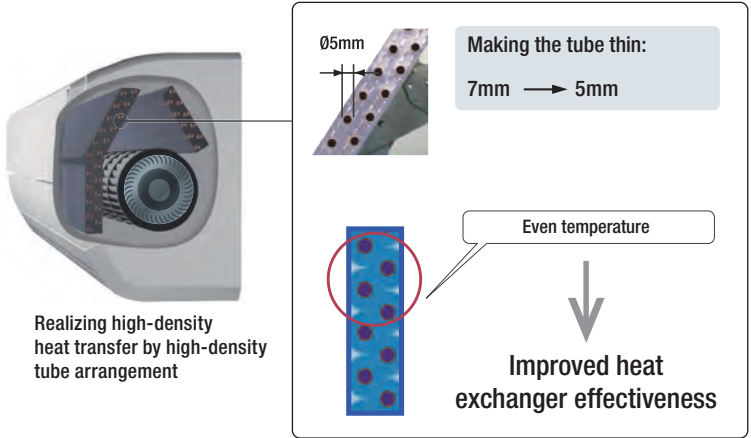
Large heat exchanger



Large propeller fan

High Density Multi-Path Heat Exchanger

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





HYPER TROPICAL DESIGN



OPTIMISED AIR FLOW

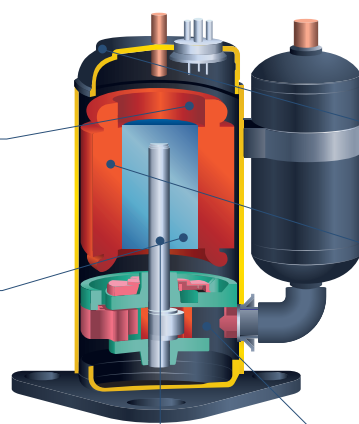
Advanced Hyper Tropical Rotary Compressor



Eco-friendly
Refrigerant



Advanced Hyper Tropical
Rotary Compressor



Gas leak protection and low voltage protection
OLP (Over Load Protection) device installed

High durability crankshaft with hardness
improved by adding a coating

High durability rolling piston with hardness
improved by changing the material

Complete protection against abnormal temperature rise
thermal protector and abnormal pressure rise.

High efficiency, high-output torque motor. Torque improved
by increasing the thickness of the laminated core and
improving the coil winding

High durability vane.
Surface hardness increased

Designed & developed by Fujitsu General

Hyper Tropical Spec

Super eco-friendly
Compressor based on
Eco-friendly R32 refrigerant designed for
higher ambient temperature of 55°C.

Super powerful
10% more capacity than old models
under overload condition.

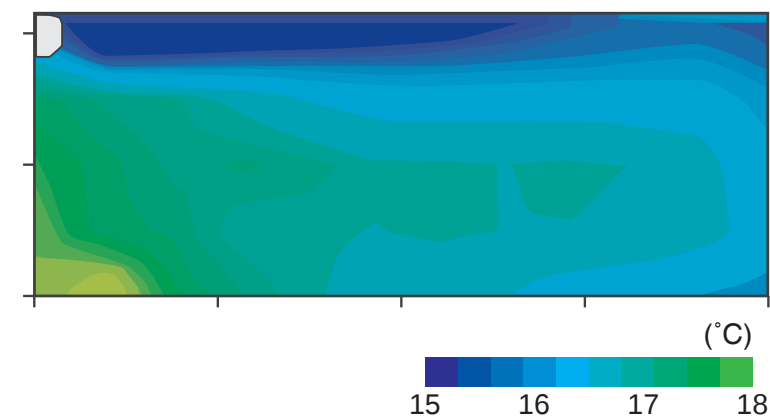
Super low voltage operation
Our Hyper Tropical Compressor
can be operated even at a
low voltage of 155V.

Super Hi-Efficiency
Fulfills star rating requirements of 2022.

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

Coanda Airflow

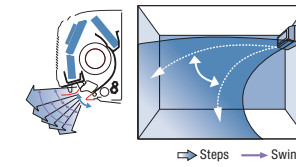
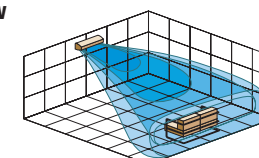
With advanced airflow technology, General provides powerful airflow and better air distribution for corner to corner cooling. The cold air discharged is directed upward, which achieves the Coanda airflow along the ceiling, producing long reach airflow.



Cooling: Healthy Horizontal Airflow

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

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



Steps Swing



ALL DC INVERTER TECHNOLOGY

Saves Energy Throughout the Year

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

DC Twin Rotary Compressor

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

DC Fan Motor

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



Wide high efficiency range
DC rotary compressor



Inverter
Control Base

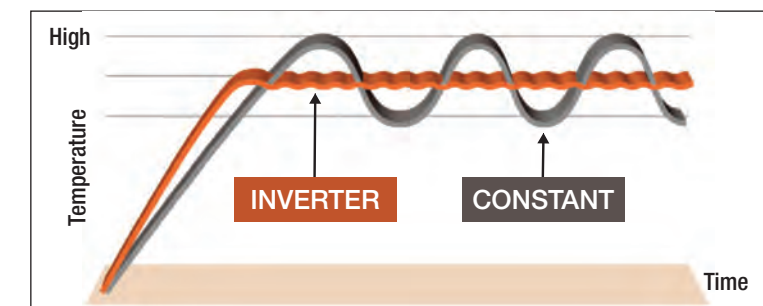
DC Compressor



DC Fan Motor

Sine-wave DC Inverter Control

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



Advanced Frequency Modulation Technology

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

Conventional
Inverter Control



All DC
Inverter Control



More compact than
conventional models



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

Advanced Frequency
Modulation Technology





ALL DC INVERTER TECHNOLOGY

What is an INVERTER air conditioner?

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

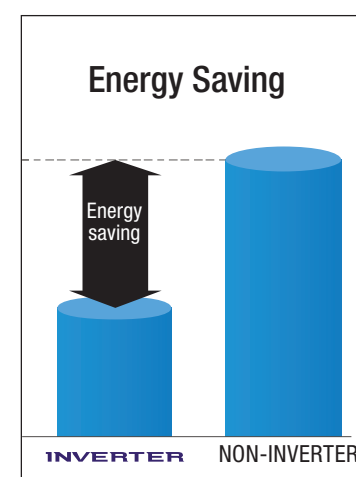
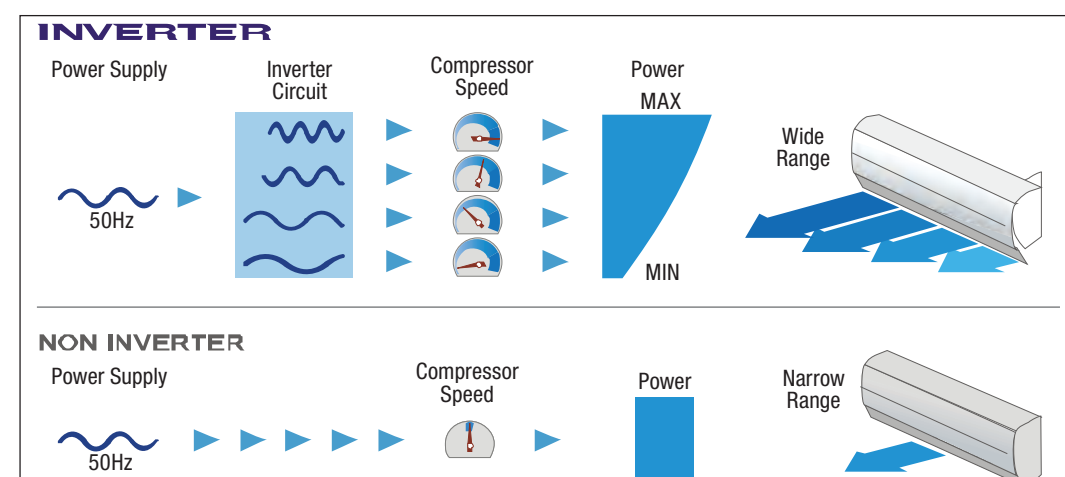
An INVERTER air conditioner changes the speed of the compressor by varying the frequency of the power supply to give superior cooling.

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

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

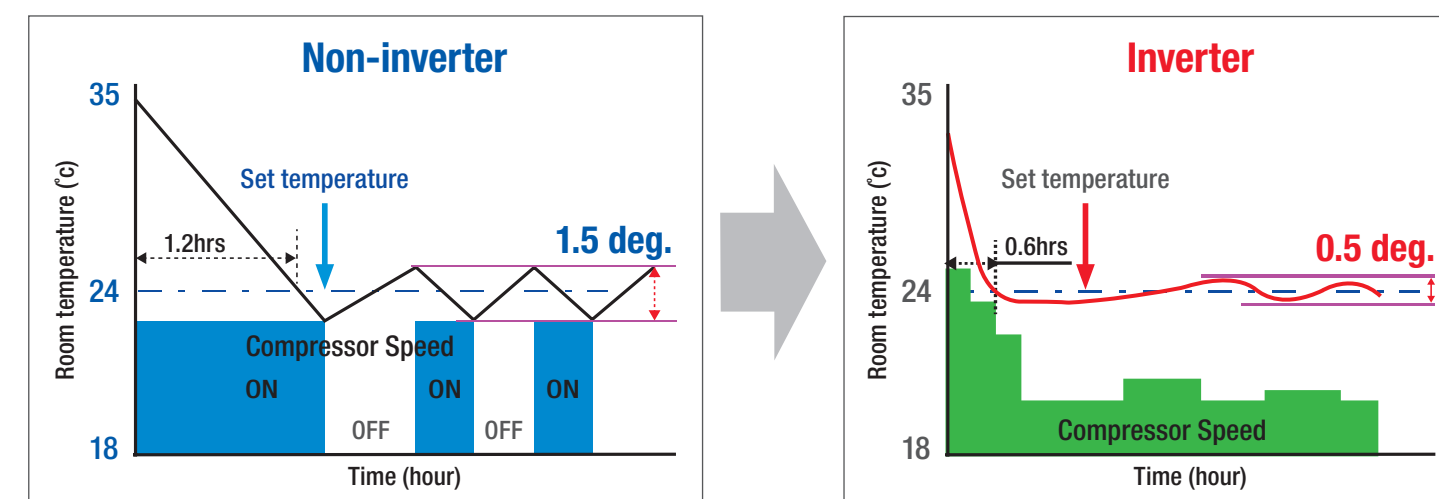
Full Inverter Technology

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



Faster Cooling and Comfort Control

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



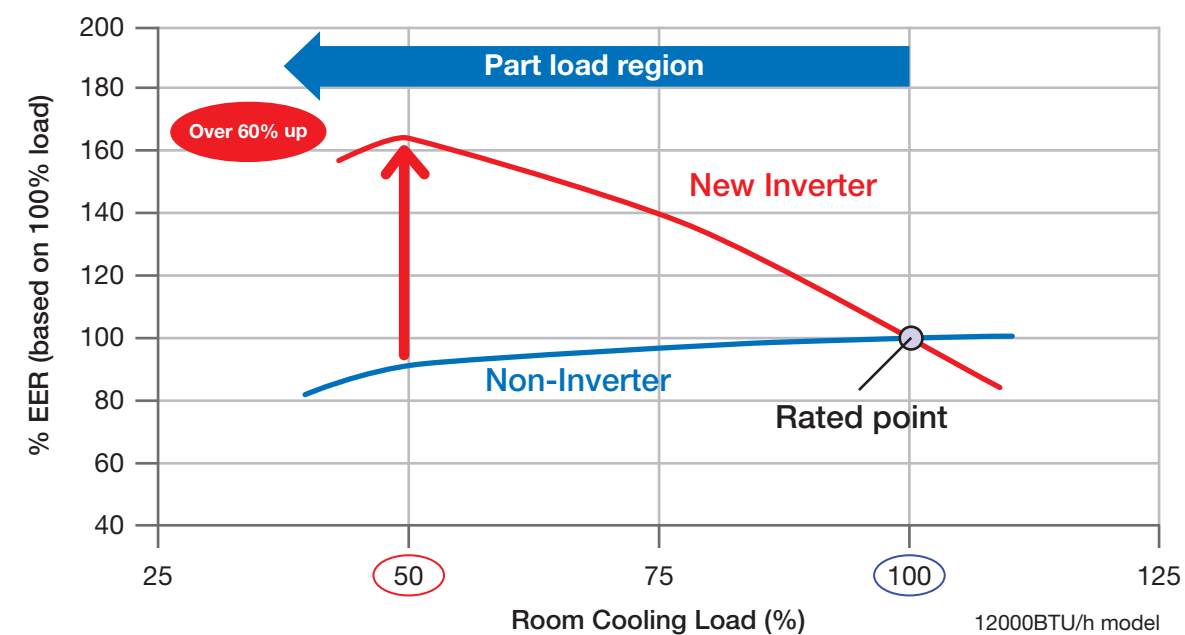
Starting point: Set temperature: 24°C, Operation Time: 3 hours, Room Inside: 35°C, Outdoor: 35°C (For 12000BTU/Hr model)



PURSUIT OF SEASONAL EFFICIENCY

Part-Load Operation

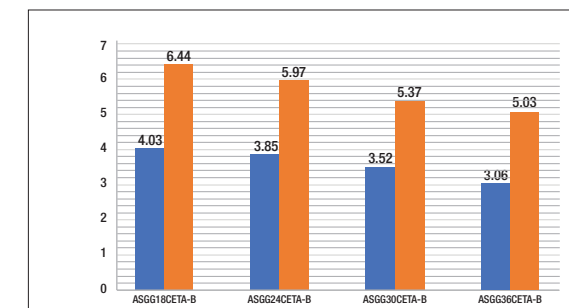
In over 80% of actual operation time, air conditioners are operated at partial capacity instead of rated capacity. We focused on high seasonal efficiency with an all DC inverter control and high efficiency technology.



Part-Load Efficiency

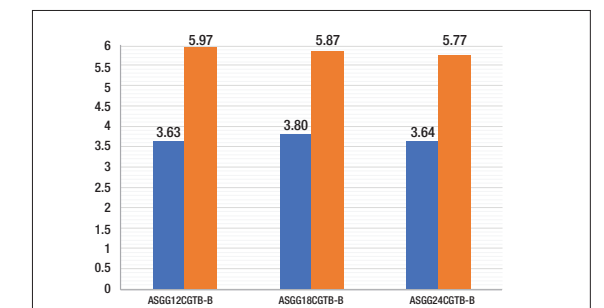
More power saving can be achieved by these Inverter air conditioners as they operate with higher efficiency under part-load conditions.

50% Load Efficiency for CET Series



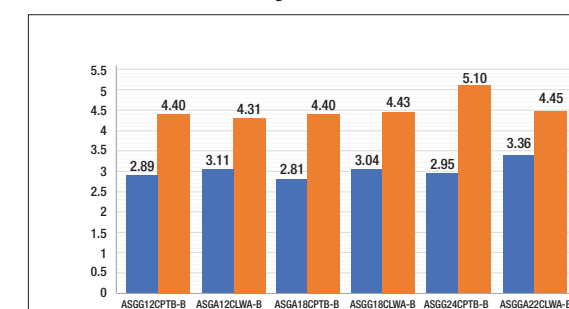
Energy Efficiency Ratio (EER) 100% Capacity 50% Capacity

50% Load Efficiency for CGT Series



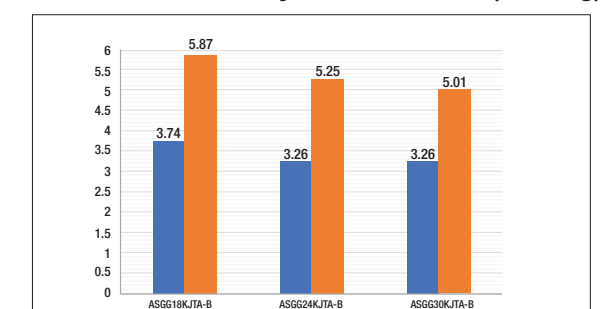
Energy Efficiency Ratio (EER) 100% Capacity 50% Capacity

50% Load Efficiency for CPT/CLW Series



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

50% Load Efficiency for KJT Series (Cooling)



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



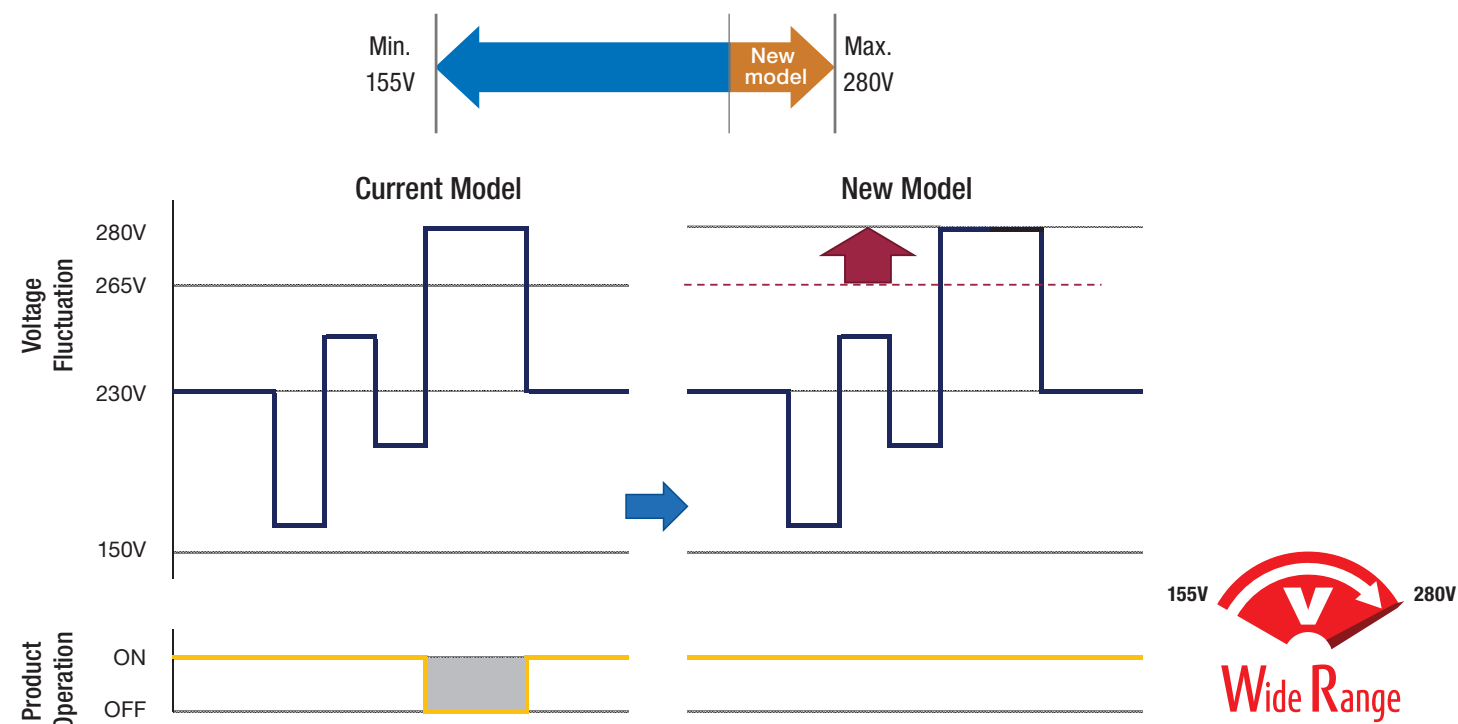
WIDE OPERATING VOLTAGE RANGE



HIGH VOLTAGE PROTECTION

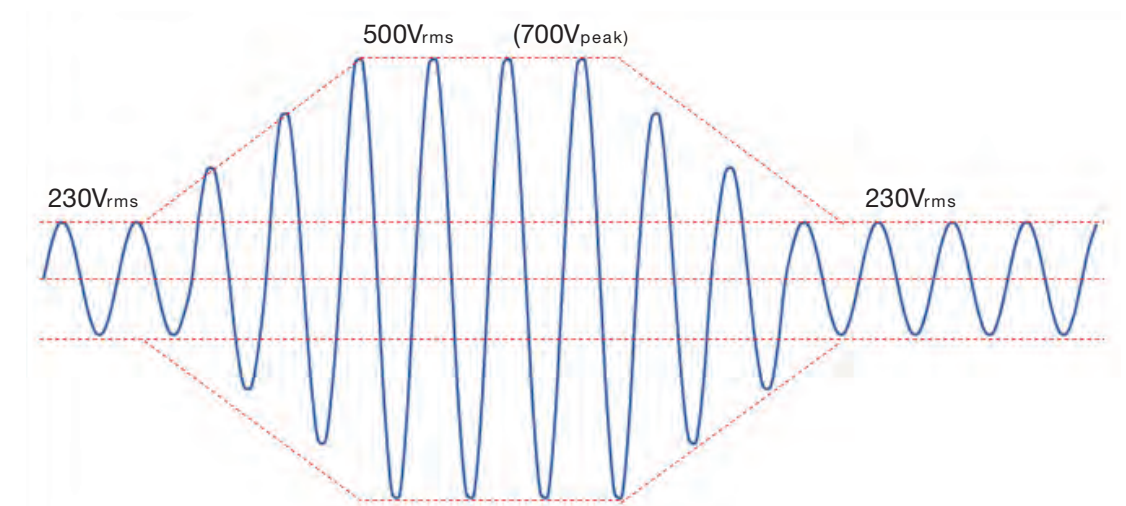
Extreme Voltage Range (155V~280V)

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



Withstands High Voltage at 700V

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

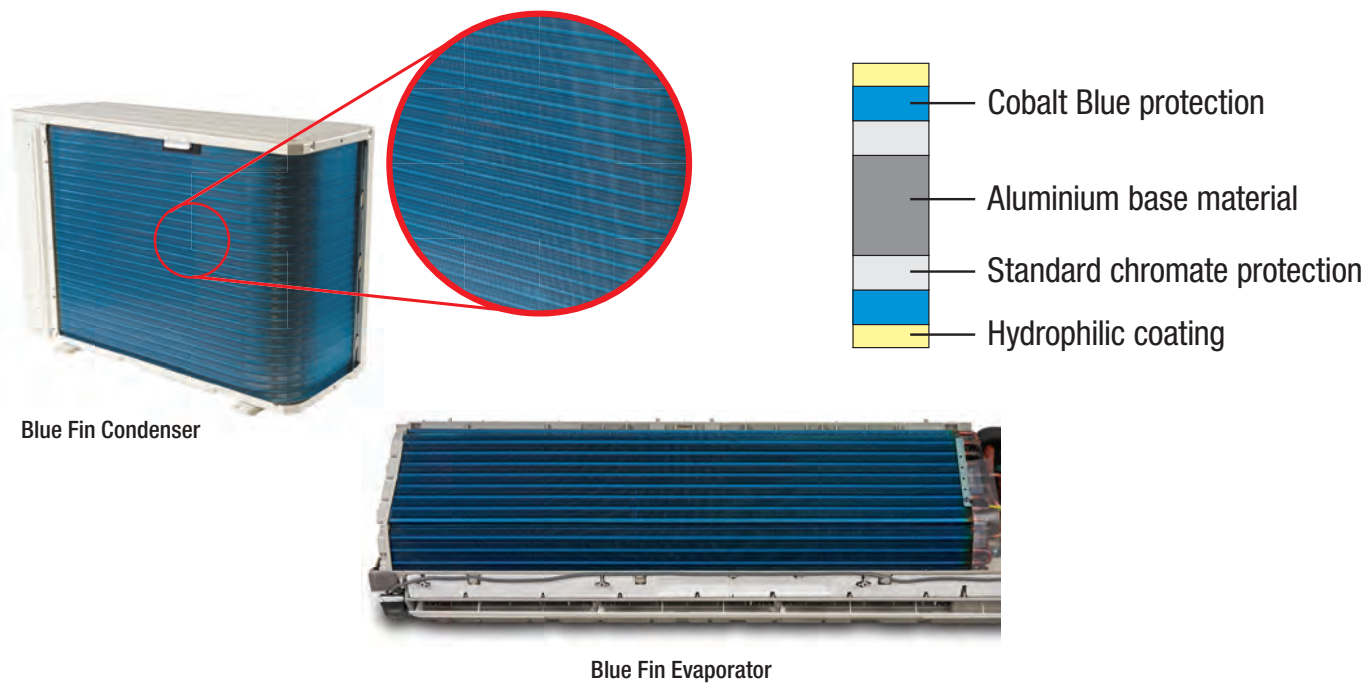




BLUE FIN CONDENSER & EVAPORATOR

Anti-corrosion Heat Exchanger with Blue Fin for long life

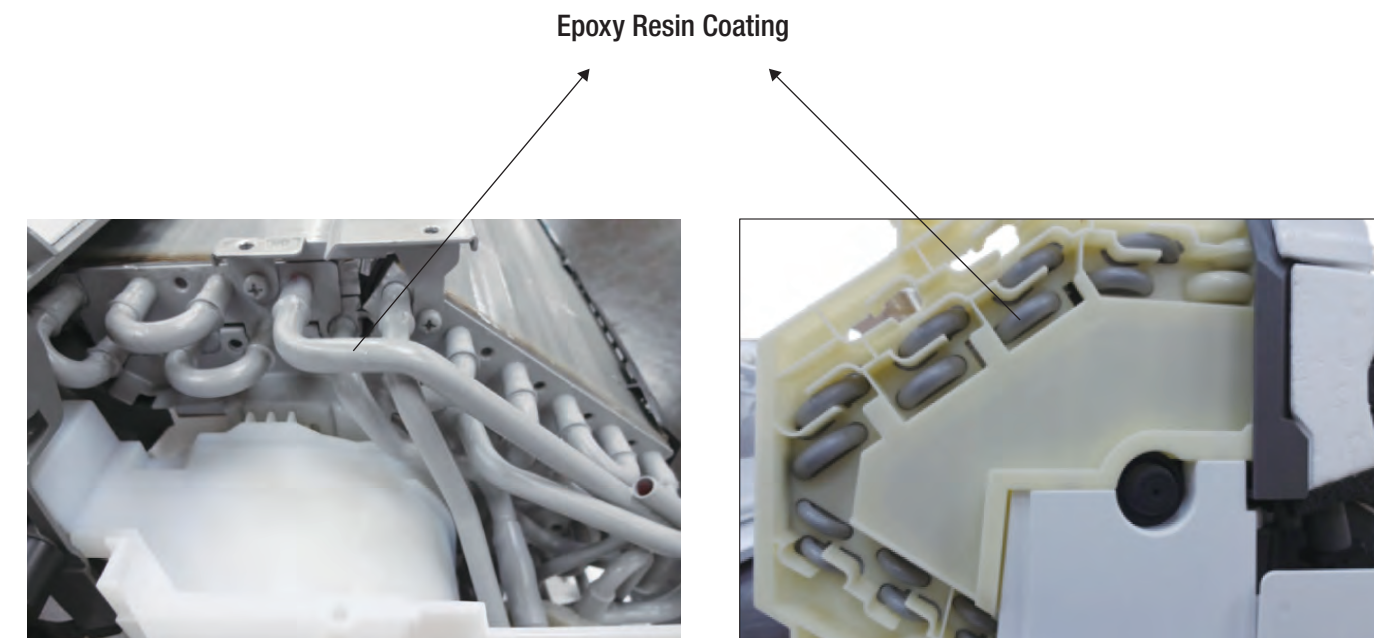
Blue fin treatment of the condenser and evaporator offers improved corrosion resistance and longer life of heat exchanger. Adoption of cobalt blue coating for the fins in the heat exchanger provides protection against rust and salt damage.



ANTI CORROSION 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.





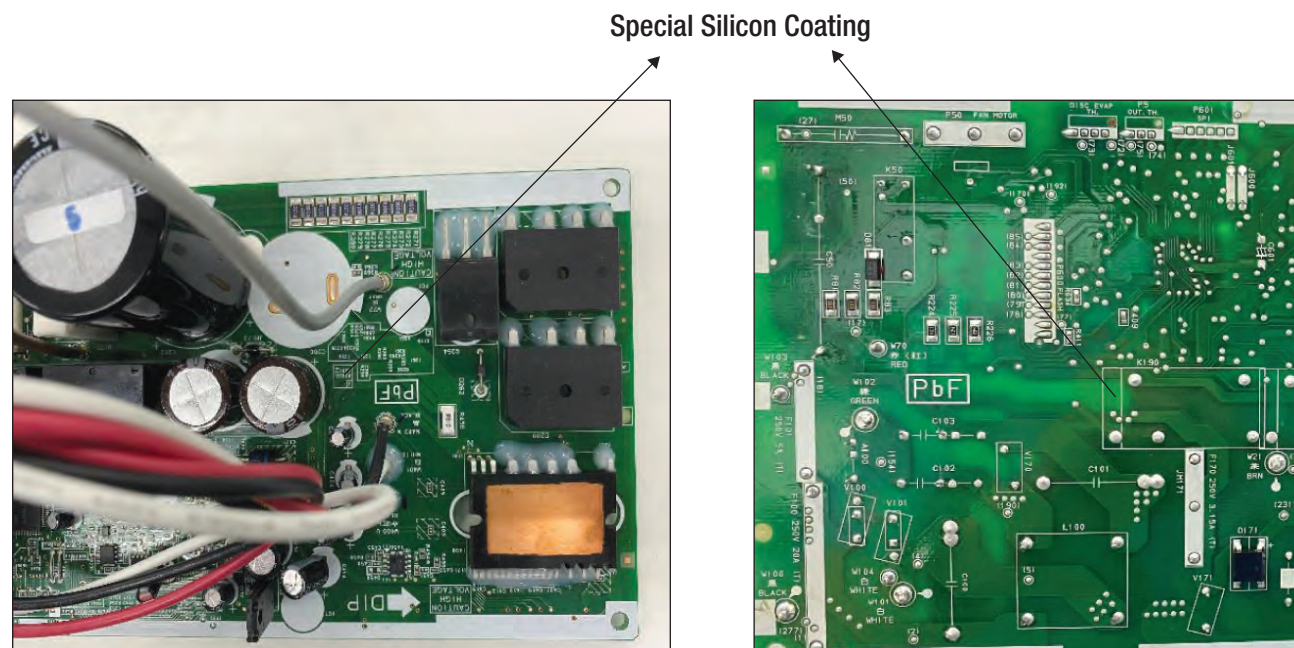
HIGH DURABILITY PCB



PM 2.5 FILTER

Silicon Coated PCB

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

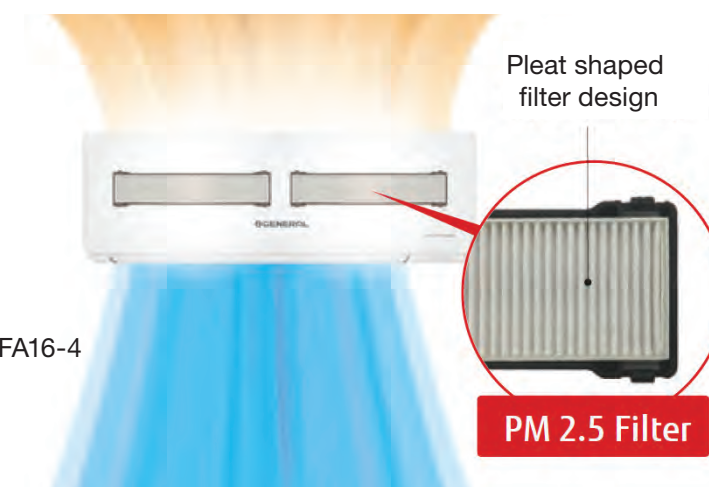


PM 2.5 Filter

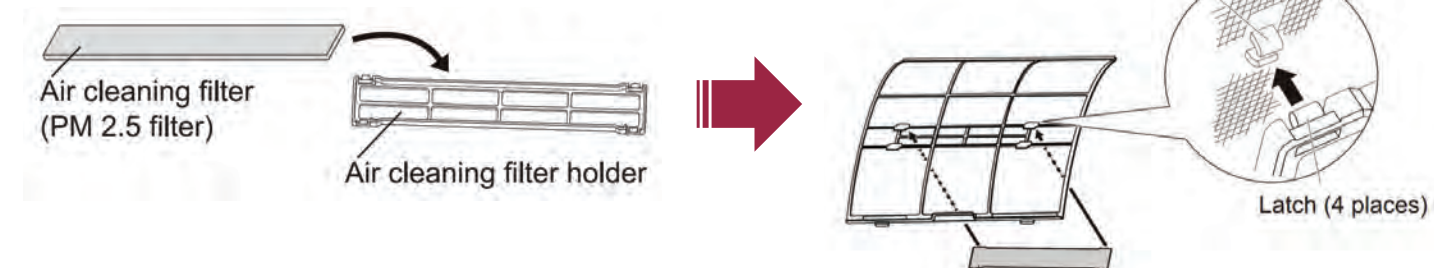
Cleans the air by catching particles as small as $0.3 \sim 2.5 \mu\text{m}$.

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

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



How to install the filter





GROUP CONTROLLER*

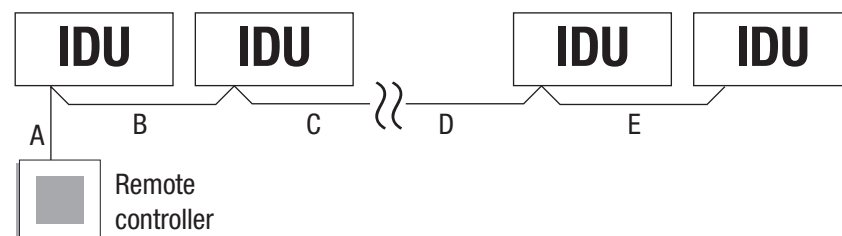
*Optional



SELF DIAGNOSIS

Group Control System

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



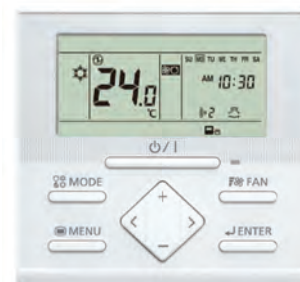
Total wiring length of remote controller cable (A+B+C+D+E)	Cross section of cable
≤ 500m	0.3~1.25 mm ²

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

Group Remote Controller

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

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



Wired Remote Controller
UTY-RLRG

Self Diagnosis

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

How to use Self Diagnosis

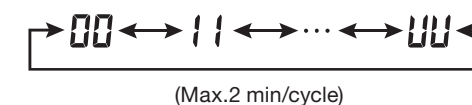
If [] and [] blink while [] is blinking fast on the indoor unit, check the error code. The error code is 2-digit numbers or characters.

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



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

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



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

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

Note: Available in select models.



3D DOUBLE AUTO SWING

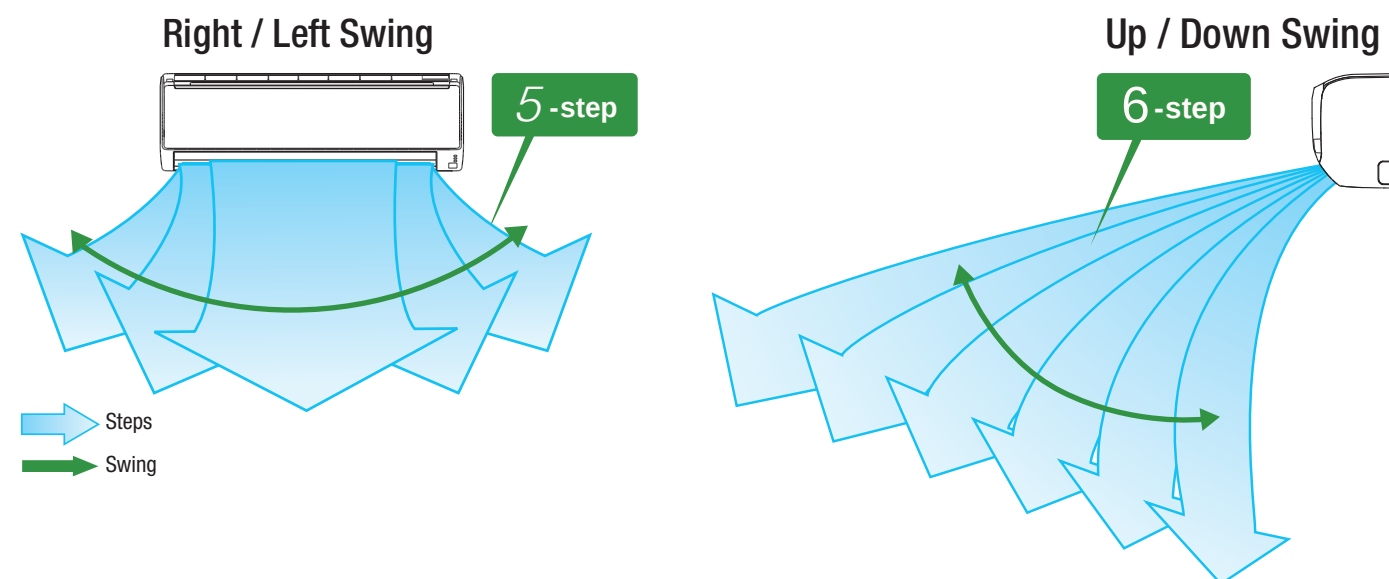


ANTI-DRIP DESIGN

3D Double Auto Swing

30 Step Control

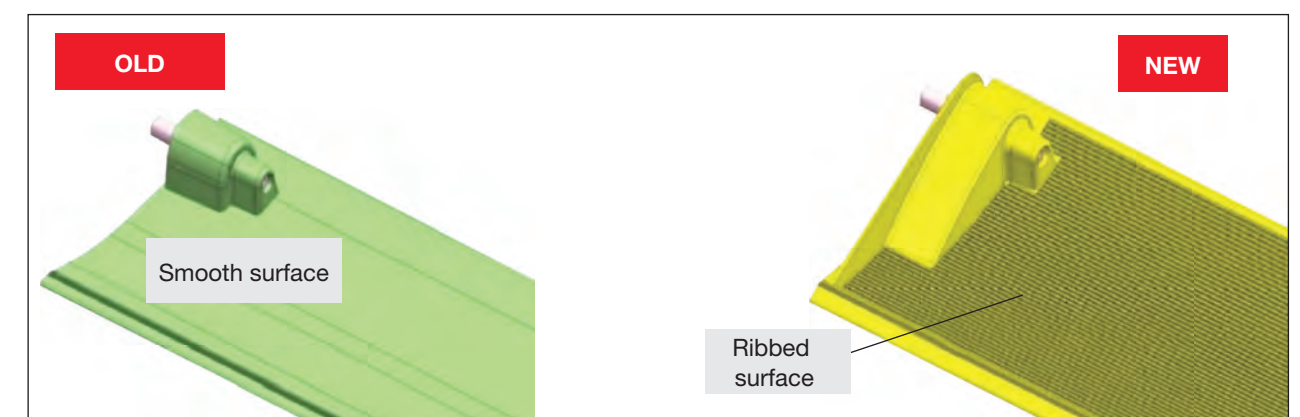
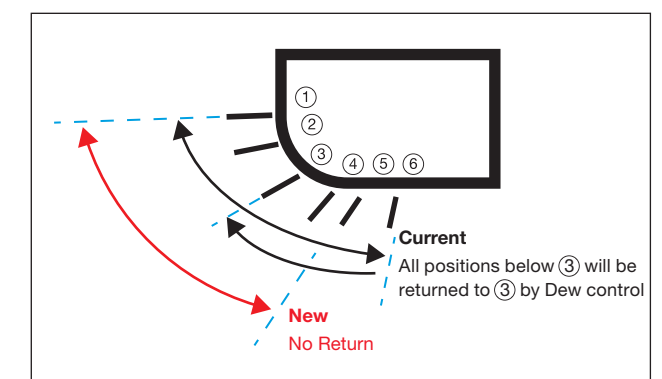
A combination of right/left and up/down directional swing airflow 3-dimensional air direction control with 30 unique configurations, which enables precision wind direction control for corner to corner cooling.



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

Dew Drip Prevention

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



Note: Available in select models.



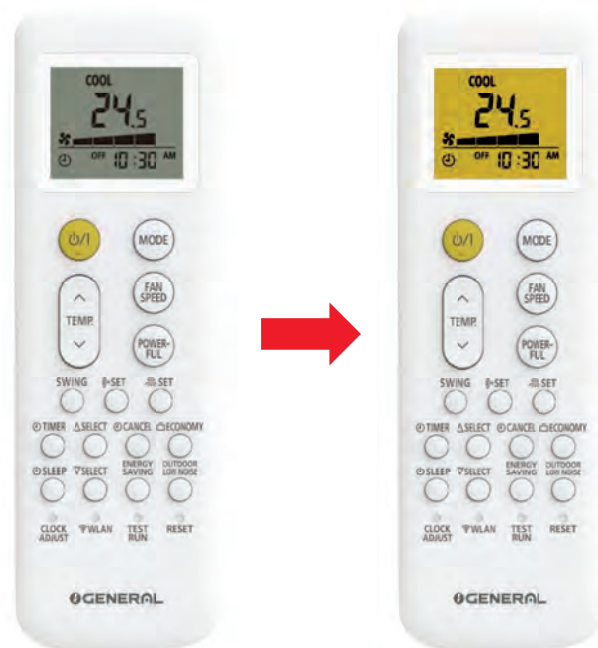
BACKLIT REMOTE DISPLAY



PRECISION TEMPERATURE CONTROL

Backlight System

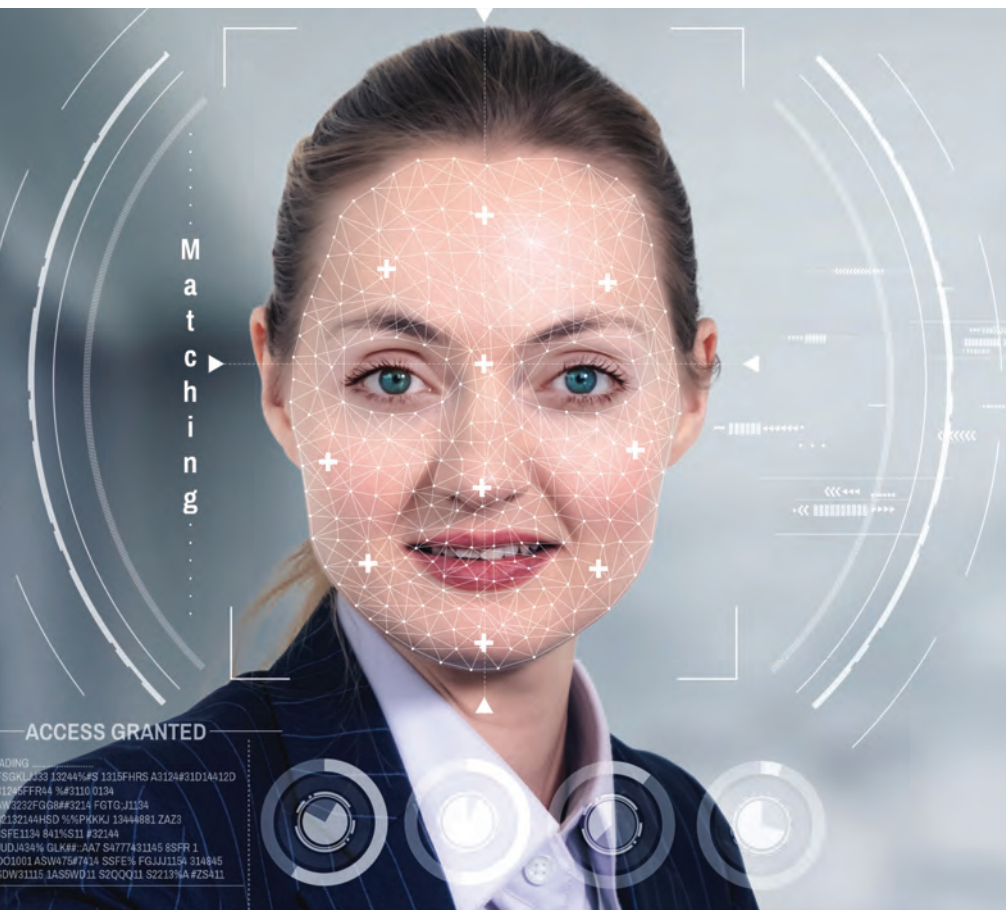
Backlight display on wireless remote controller enables easy operation in a darkened room.



0.5°C Precision Temperature Control

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





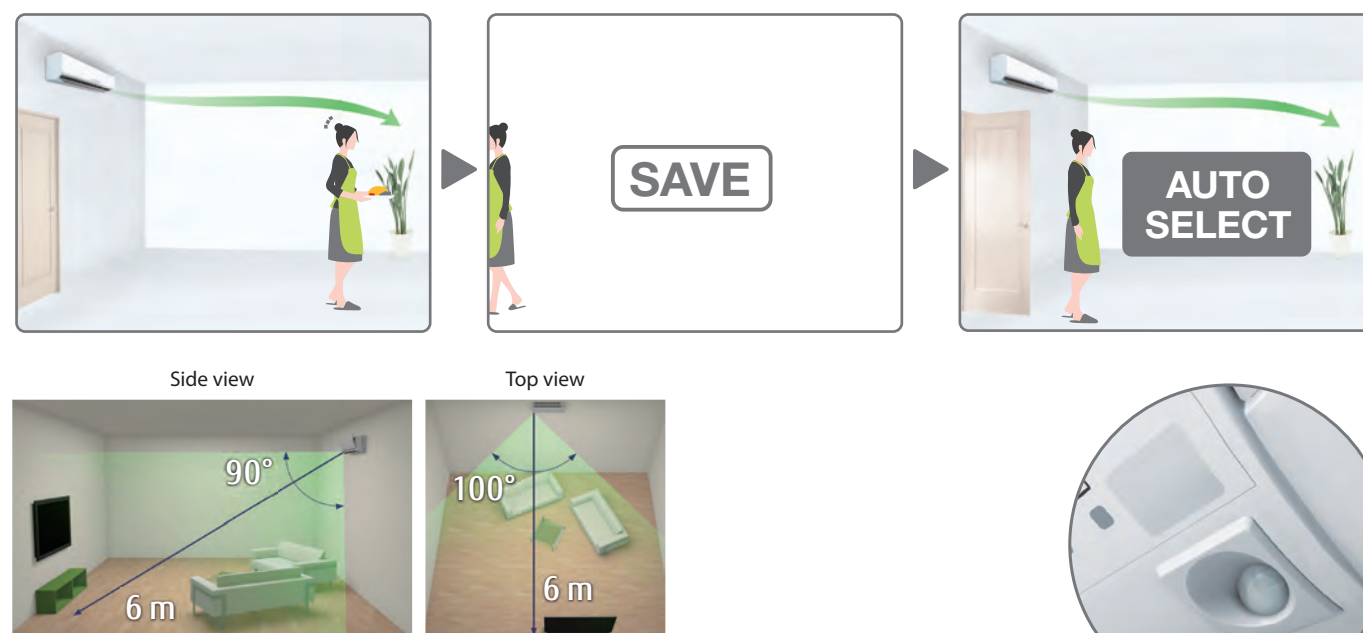
HUMAN SENSOR



SENSOR FUNCTION

Energy saving by Human Sensor

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



Detection range of Human sensor

Note: Available in CGT and KJT series models.

Maximum Comfort with Sensor Function

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



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

Note: Available in CLW and BMW series models.



TEMPERATURE DISPLAY



CONVENIENT TIMER

Indoor Temperature Display

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

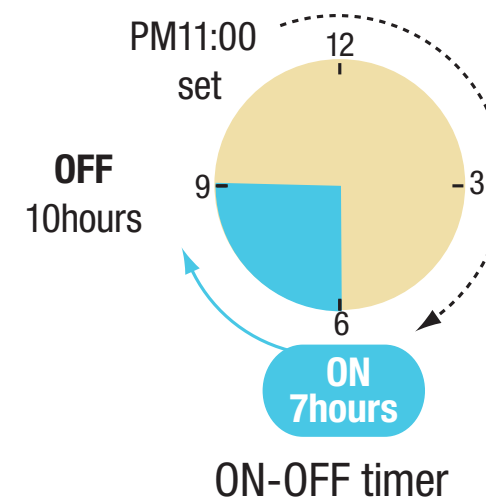


Note: Available in CLW and BMW series models.

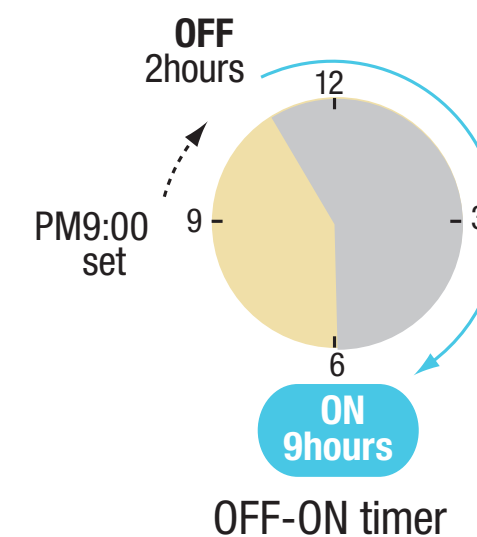
Integrated ON – OFF Timer

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

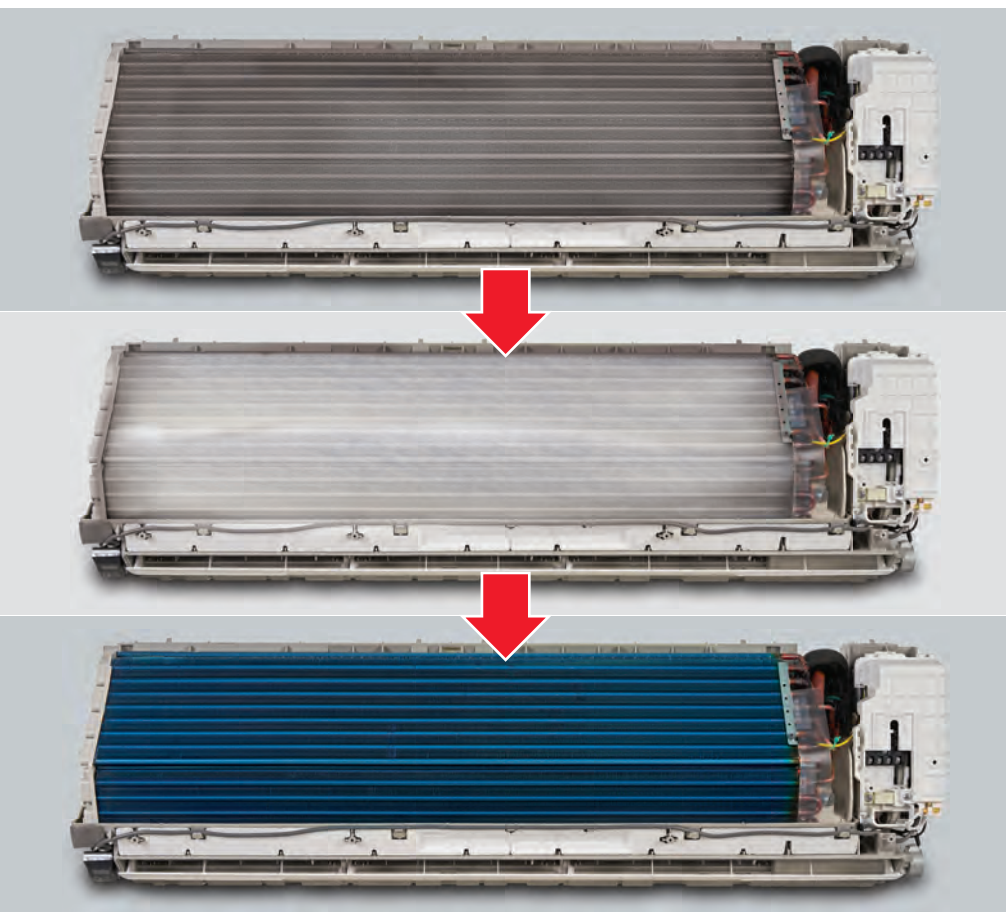
From wake-up to go to work



From sleep to wake-up



Note: Available in select models.



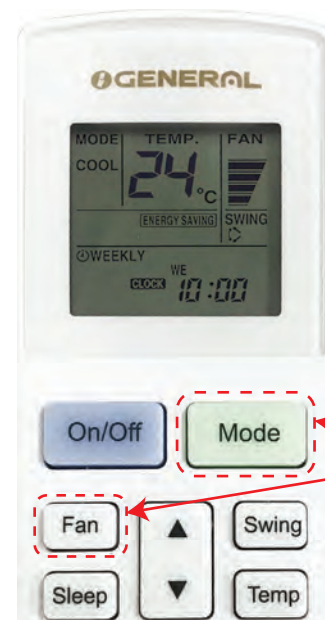
COIL CLEANING FUNCTION



COIL AUTO DRY FUNCTION

Coil Cleaning Operation

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

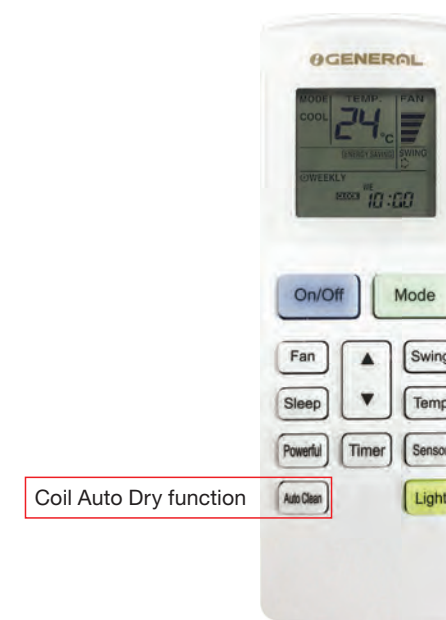


TO START / STOP

Press the "Mode" and "Fan" buttons simultaneously

Mold Prevention by Coil Auto Dry Operation

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



Coil Auto Dry function



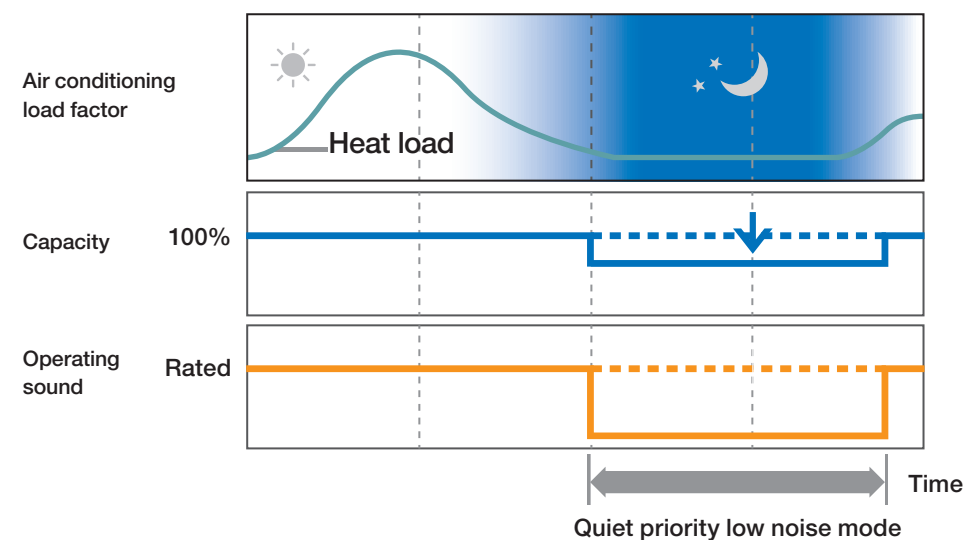
OUTDOOR UNIT LOW NOISE OPERATION



10°C HEAT OPERATION

Outdoor Unit Low Noise Operation

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



Note: 1. Available in KJT series models.

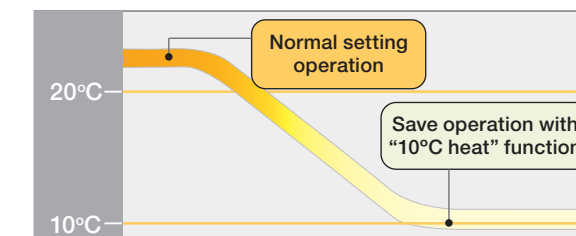
2. If the wired remote controller (optional) is connected, this function is restricted.

10°C Heat Operation

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



Remote controller with
"10°C Heat" function



Room temperature change by
"10°C Heat" function

Note: 1. Available in KJT series models.

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



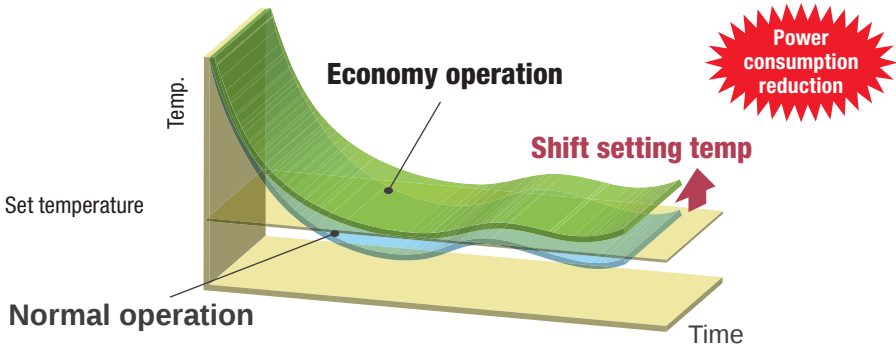
ECONOMY MODE



EXTENDED WARRANTY

Economy Mode

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



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

Note: Available in select models.

Extended warranty

General offers a 10 year warranty on Inverter compressor and a 5 year warranty on Inverter PCB for absolute peace of mind.



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



IoT READY*

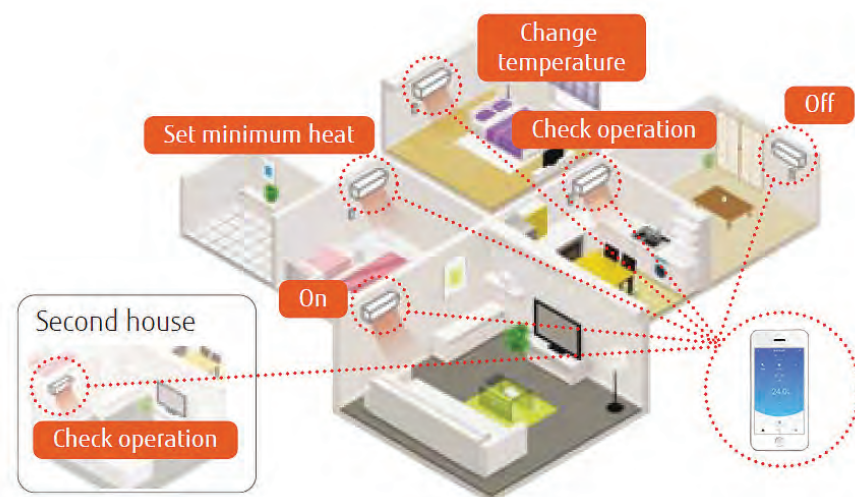
*Optional

Operation from anywhere

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

Wireless LAN Interface

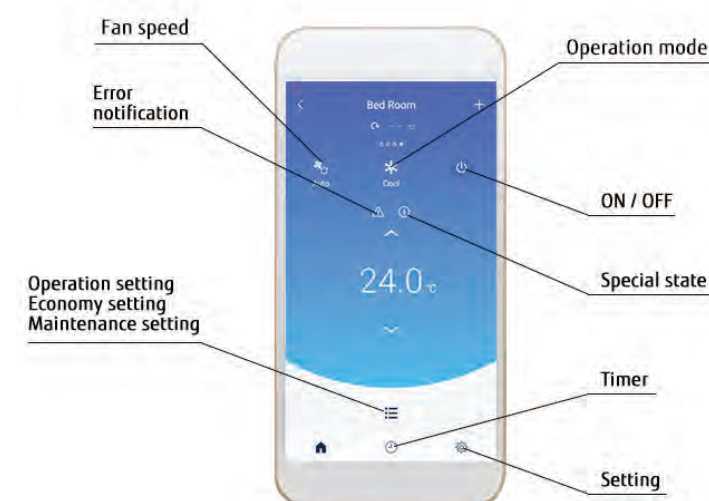
The exclusive Wireless LAN adaptor (optional accessory) enables to operate the air conditioner by smartphone or tablet PC from outside.



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

User friendly interface

User friendly screen display facilitates easy operation.



Main functions

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

Scan to download **FGLair** App:



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



HYPER TROPICAL CASSETTE AIR CONDITIONER

360° Turbo Flow Design

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



Wide Airflow

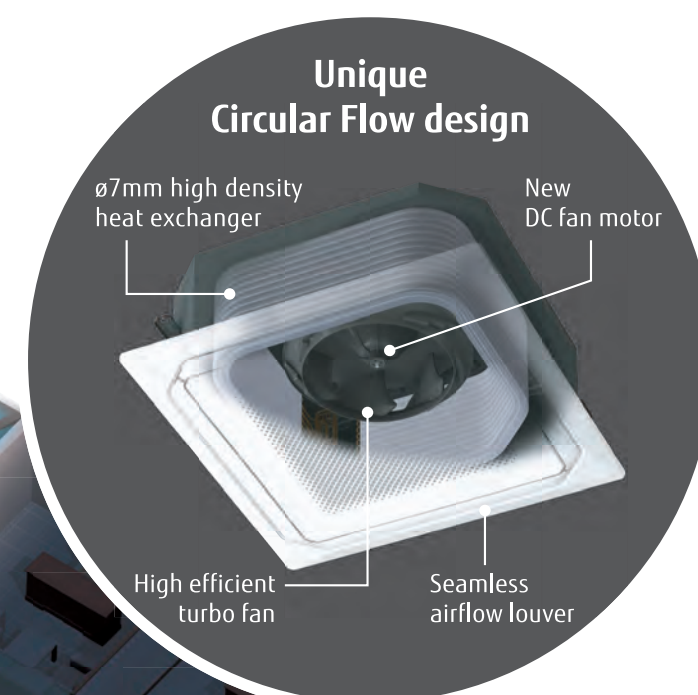
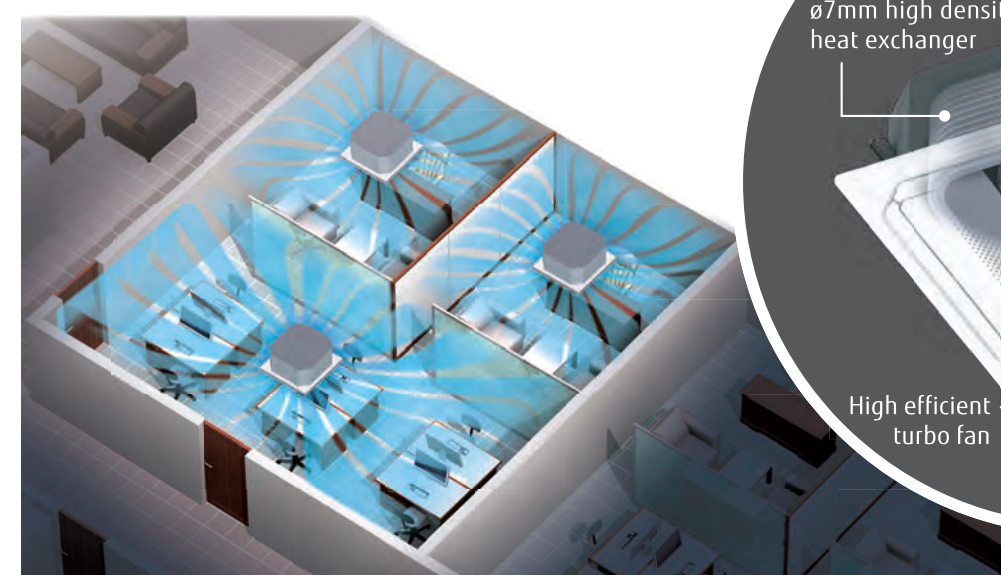


Seamless Airflow

Corner Airflow



Uniform temperature air conditioning



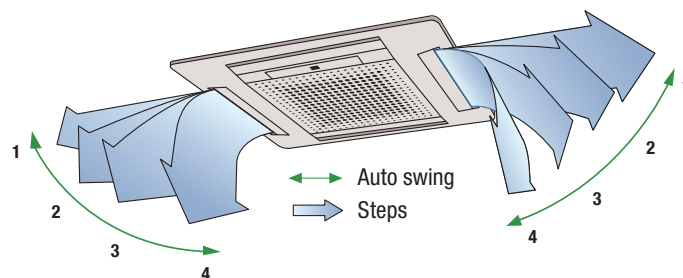


ECO-FRIENDLY CASSETTE AIR CONDITIONERS



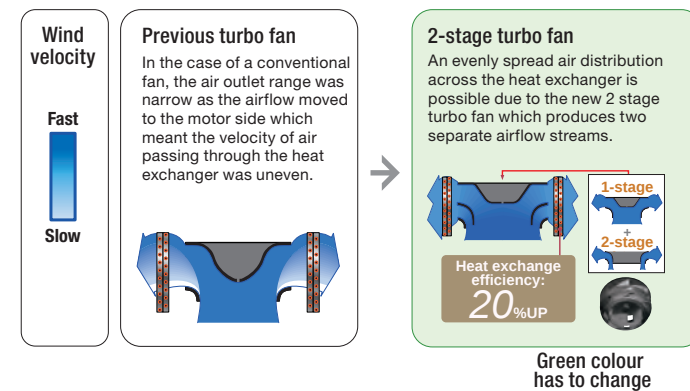
Comfortable Airflow 4 Step Swing

Auto airflow direction and auto swing ensures that supplied air does not blow over the ceiling.



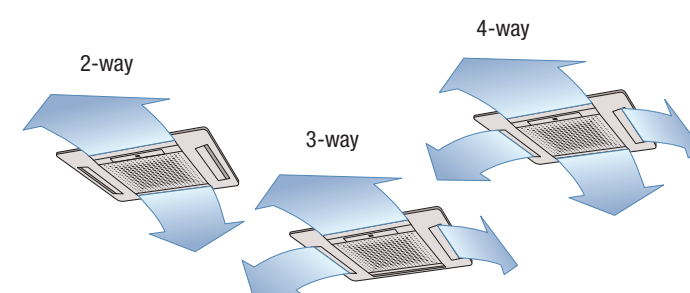
2-Stage Turbo Fan

High efficiency design by 2 stage structure



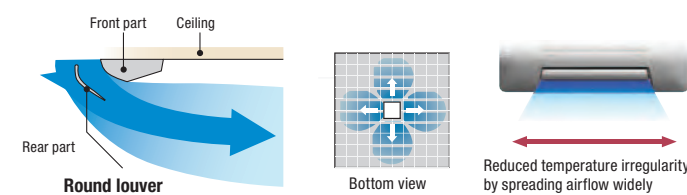
2-4 Way Airflow System

Select 2-way, 3-way or 4-way airflow to suit your needs.



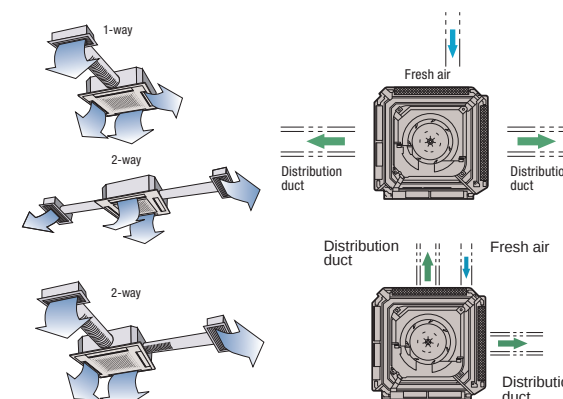
Improvement of the Airflow Distribution

The new louver design enables an airflow that has no air contact with the ceiling. Airflow is moved through the space between the chassis and the ceiling, allowing far and wide airflow distribution.



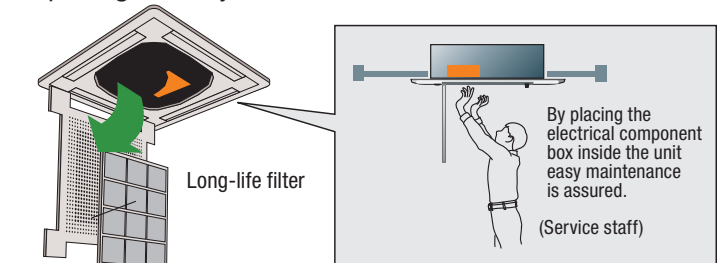
Distribution Duct Connection

Conditioned air can be distributed by means of a distribution duct. Fresh air can also be introduced into this configuration.



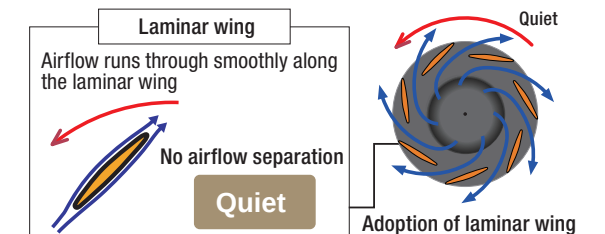
Easy Maintenance

Detachable, washable filter and intake grill. The control box is easily accessible for maintenance work. Wide opening for easy access.



Extremely Quiet

Optimization of wing form (laminar wing type) and wing number (7 blades each) designed by CFD-analysis (fluid) simulations



Large airflow at reduced noise output is achieved by incorporating a large diameter variable pitch turbo fan.

TROPICAL INNOVATION INVERTER



CET Series

Star Rating:



Model Number: ASGG18CETA-B



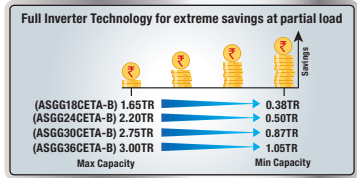
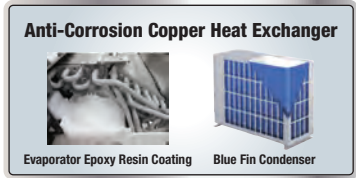
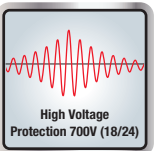
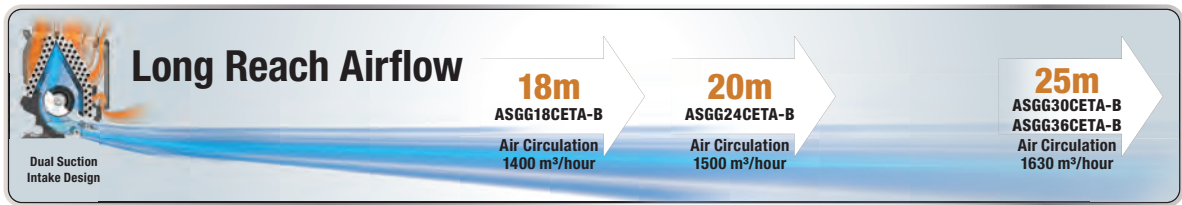
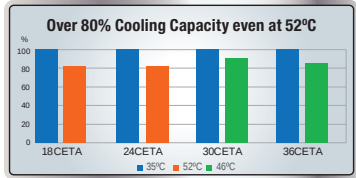
ASGG24CETA-B



ASGG30CETA-B

NA

ASGG36CETA-B



Wireless Remote



Wired Remote for Group Controller (Optional)

TECHNICAL SPECIFICATIONS

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

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

INSTALLATION CHECK POINTS

Unit Capacity		1.5-Ton	2.0-Ton	2.5-Ton	3.0-Ton
Model No.		ASGG18CETA-B	ASGG24CETA-B	ASGG30CETA-B	ASGG36CETA-B
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT			
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase			
	Proper Earthing	Mandatory			
	Main Power N & E	± 3 Volts			
ODU to IDU Wiring	Resistance (To be measured with ground test meter)	<25 Ohms			
	Maximum Operating Current in A*1	12.3	14.3	18.8	18.8
	Starting Current in A	6.0	8.1	11.0	15.3
	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	4.0	4.0
	No of Cores - Power Supply	3	3	3	3
Piping Size & Thickness	Connection cable limited wiring length in m²	21	31	51	51
	Circuit Breaker Current in A	15	15	30	30
	Type of Gas	R32	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	1.0	1.0
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 9.52	Ø 9.52
	Pipe size-Suction in mm	Ø 12.70	Ø 12.70	Ø 15.88	Ø 15.88
	Minimum Pipe Length in m	3	3	3	3
	Maximum Pipe Length in m	20	30	50	50
	Maximum Height Difference in m	15	25	30	30
	Pre-Charged Refrigerant in g	1,000	1,400	1,700	1,700
	Standard Refrigerant Pre-Charged in m	15	15	20	20
	Additional Charge in g/m	20	20	40	40
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.					

Information is subject to change without prior notice.

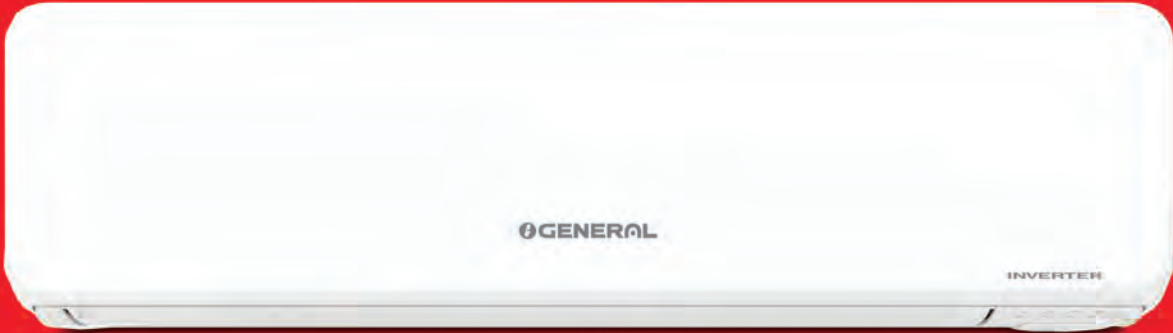
*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.

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

EFFICIENT & TROPICAL INVERTER



ASGG12CGTB-B



ASGG18CGTB-B
ASGG24CGTB-B

CGT Series

Star Rating:

Model Number: ASGG12CGTB-B

ASGG18CGTB-B

ASGG24CGTB-B



Advanced Hyper Tropical Product Design

Coanda Airflow (18/24)

Wide Range
Wide Voltage Range
155V ~ 280V

5 Star Rating

PM 2.5 Filter

Self Diagnosis

0.5°C Precision
Temperature Control

Backlit Remote

Energy Saving With
Human Sensor

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

Silicon Coated
PCB for Long Life

High Voltage
Protection 700V

5 Speed Fan Control

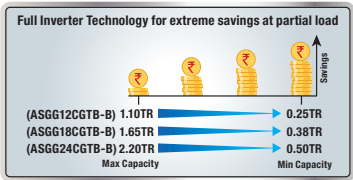
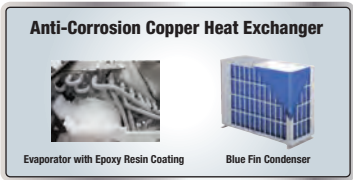
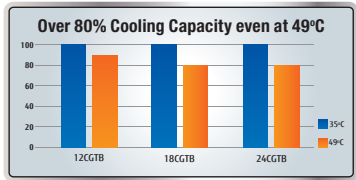
POWERFUL
Powerful Mode

Wireless LAN (Optional)

10
YEAR
WARRANTY

5 YEAR
WARRANTY

3 METRES
PIPING KIT
INCLUDED



ASGG12CGTB-B
ASGG18CGTB-B
ASGG24CGTB-B



Wireless Remote



Wired Remote for
Group Controller
(Optional)

TECHNICAL SPECIFICATIONS

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

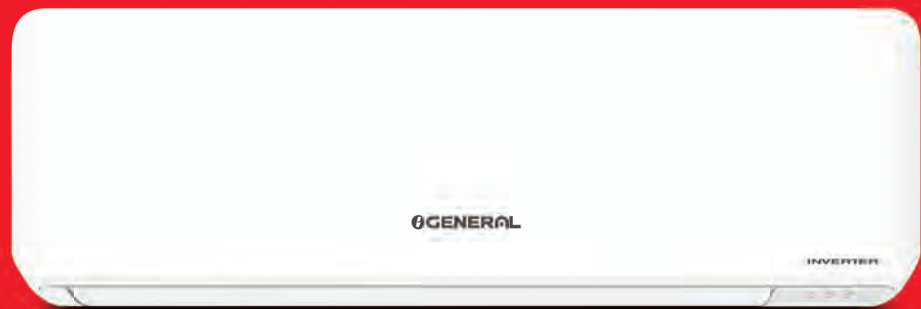
*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of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

INSTALLATION CHECK POINTS

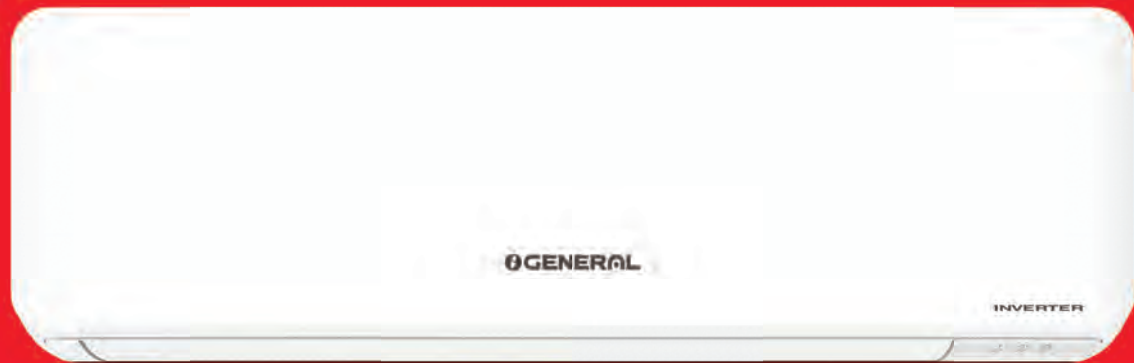
Unit Capacity		1.0-Ton	1.5-Ton	2.0-Ton
Model No.		ASGG12CGTB-B	ASGG18CGTB-B	ASGG24CGTB-B
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT		
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase		
	Proper Earthing	Mandatory		
	Main Power N & E	± 3 Volts		
	Resistance (To be measured with ground test meter)	<25 Ohms		
ODU to IDU Wiring	Maximum Operating Current in A ^{*1}	9.3	9.7	14.3
	Starting Current in A	4.8	6.5	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	31
Piping Size & Thickness	Circuit Breaker Current in A	15	15	15
	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	0.8
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 9.52	Ø 12.70	Ø 12.70
	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	20	20	30
	Maximum Height Difference in m	15	15	25
	Pre-Charged Refrigerant in g	750	1,000	1,400
	Standard Refrigerant Pre-Charged in m	15	15	15
	Additional Charge in g/m	20	20	20
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.				

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

TROPICAL INVERTER



ASGG12CPTB-B
ASGG18CPTB-B



ASGG24CPTB-B

CPT Series

Star Rating:



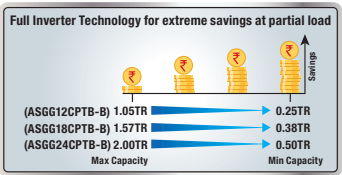
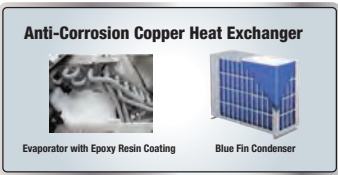
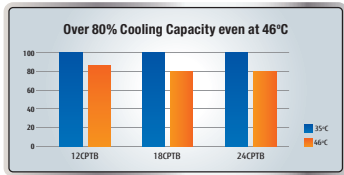
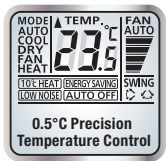
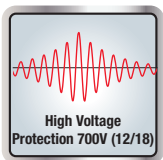
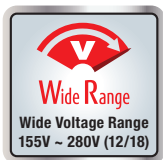
Model Number: ASGG12CPTB-B



ASGG18CPTB-B

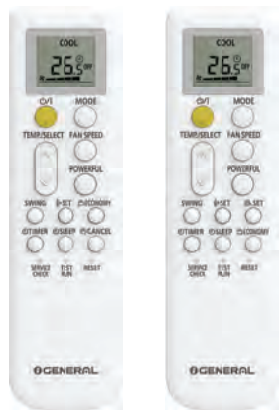


ASGG24CPTB-B



ASGG12CPTB-B
ASGG18CPTB-B

ASGG24CPTB-B



Wireless Remote

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGG12CPTB-B	ASGG18CPTB-B	ASGG24CPTB-B
	ODU Model Number	AOGG12CPTB-B	AOGG18CPTB-B	AOGG24CPTB-B
BEE Star Rating	-	3	3	4
Tonnage	TR	1.0 (0.25~1.05)	1.5 (0.38~1.57)	2.0 (0.50~2.00)
Power Supply	Ph-Hz-V	1φ-50-230		
Running Current	A	5.7	8.5	10.6
Standard Cooling at 100% Capacity (Min~Max)	W	3,520 (880~3700)	5,280 (1320~5540)	7,040 (1760~7040)
Standard Cooling at 50% Capacity	W	1,760	2,640	3,520
Power Consumption at 100% Capacity (Min~Max)	W	1,220 (210~1230)	1,880 (270~1960)	2,390 (190~2390)
Power Consumption at 50% Capacity	W	400	600	690
EER at 100% Capacity	W/W	2.89	2.81	2.95
EER at 50% Capacity	W/W	4.40	4.40	5.10
Rated ISEER	kWh/kWh	3.88	3.83	4.24
Electricity Consumption per Annum	kWh	702	1066	1286
Moisture Removal	l/h	1.5	1.9	2.7
Indoor Fan Speed Control Levels	-	5	5	5
Indoor Airflow Volume-High	m3/h	700	940	1170
Indoor Airflow Distance	m	10	15	15
Indoor Unit Dimensions HxWxD	mm	270x834x222	270x834x239	280x980x240
Indoor Unit Net Weight	kg	9.5	10.5	12.5
Outdoor Unit Dimensions HxWxD	mm	541x663x290	541x663x290	632x799x290
Outdoor Unit Net Weight	kg	22.0	25.0	36.0
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)	3~25 (15)
Max Height Difference	m	15	15	20
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 ~ 265V
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.		ASGG12CPTB-B	ASGG18CPTB-B	ASGG24CPTB-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	6.5	9.5	13.5
	Starting Current in A	5.7	8.5	10.6
	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
Piping Size & Thickness	Circuit Breaker Current in A	15	15	15
	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	0.8
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 9.52	Ø 12.70	Ø 12.70
	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	20	20	25
	Maximum Height Difference in m	15	15	20
	Pre-Charged Refrigerant in g	500	550	1,020
	Standard Refrigerant Pre-Charged in m	10	10	15
	Additional Charge in g/m	20	20	20
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.				

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

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

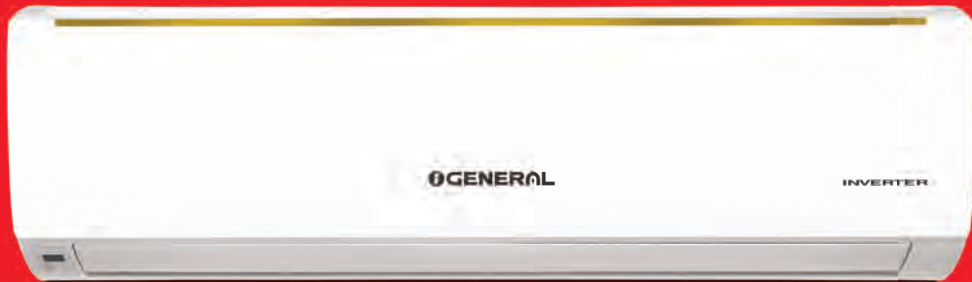
TROPICAL INVERTER



ASGA12CLWA-B



ASGA18CLWA-B



ASGA22CLWA-B

CLW Series

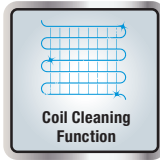
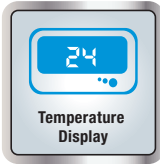
Star Rating:



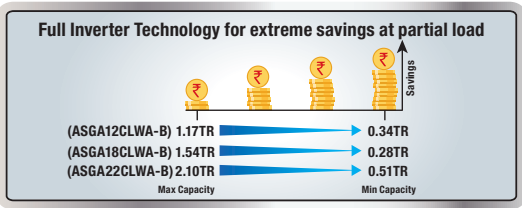
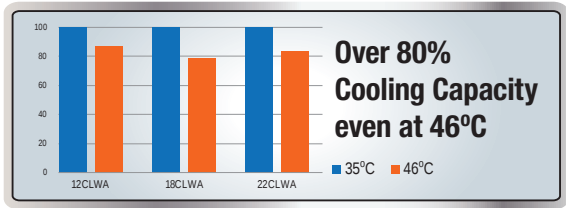
Model Number: ASGA12CLWA-B

ASGA18CLWA-B

ASGA22CLWA-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 87 for specific modelwise features.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGA12CLWA-B	ASGA18CLWA-B	ASGA22CLWA-B
	ODU Model Number	AOGA12CLWA-B	AOGA18CLWA-B	AOGA22CLWA-B
BEE Star Rating	-	3	3	4
Tonnage (Min-Max Cooling Capacity)	TR	1.0 (0.34~1.17)	1.5 (0.28~1.54)	1.8 (0.51~2.10)
Power Supply	Ph-Hz-V	1Φ-50-230		
Running Current	A	5.2	7.3	8.5
Standard Cooling at 100% Capacity (Min-Max)	W	3,550 (1200~4100)	5,100 (1000~5400)	6,450 (1800~7400)
Standard Cooling at 50% Capacity	W	1,710	2,550	3,250
Power Consumption at 100% Capacity (Min-Max)	W	1,140 (280~1500)	1,680 (280~1800)	1,920 (450~2350)
Power Consumption at 50% Capacity	W	397	575	730
EER at 100% Capacity	W/W	3.11	3.04	3.36
EER at 50% Capacity	W/W	4.31	4.43	4.45
Rated ISEER	kWh/kWh	3.99	3.99	4.19
Electricity Consumption per Annum	kWh	689	989	1191
Moisture Removal	l/h	1.6	1.8	2.0
Indoor Fan Speed Control Levels	-	4	4	4
Indoor Airflow Volume-Powerful	m3/h	550	850	1250
Indoor Airflow Distance	m	10	15	15
Indoor Unit Dimensions HxWxD	mm	275X790X200	300X970X224	325X1,078X246
Indoor Unit Net Weight	kg	9.0	13.5	17.0
Outdoor Unit Dimensions HxWxD	mm	555X732X330	555X732X330	555X873X376
Outdoor Unit Net Weight	kg	23.0	24.0	33.5
Indoor Noise Level-Low	dB(A)	26	33	37
Connection Pipe (Gas / Liquid)	mm	9.52 / 6.35	12.70 / 6.35	15.88 / 6.35
Pipe Length Min-Max (Precharged)	m	3~20 (5)	3~25 (5)	3~25 (5)
Max Height Difference	m	10	10	10
Ambient Operating Temperature Range	°C	18°C ~ 50°C	18°C ~ 50°C	18°C ~ 50°C
Operating Voltage Range	V	185V ~ 264V	185V ~ 264V	185V ~ 264V
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Tropical Rotary	Tropical Rotary	Tropical Twin Rotary
Evaporator & Condenser Coil Material	-	Copper	Copper	Copper

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

INSTALLATION CHECK POINTS#

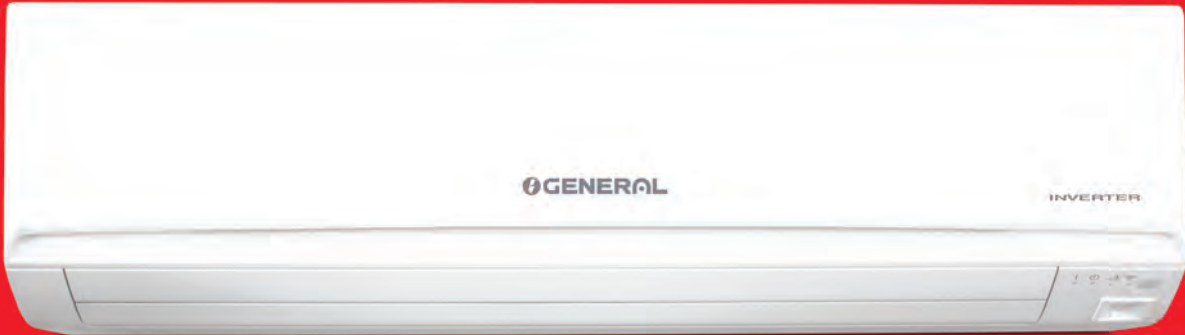
Unit Capacity		1.0-Ton	1.5-Ton	1.8-Ton
Model No.		ASGA12CLWA-B	ASGA18CLWA-B	ASGA22CLWA-B
Check for Main Power Supply	Main Power Supply at	Indoor Unit		
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase		
	Proper Earthing	Mandatory		
	Main Power N & E	± 3 Volts		
	Resistance (To be measured with ground test meter)	<25 Ohms		
ODU to IDU Wiring	Maximum Operating Current in A *1	7	7.3	10.5
	Starting Current in A	5.2	7.3	8.5
	Connection Cord ODU to IDU in 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	26	26
Piping Size & Thickness	Circuit Breaker Current in A	15	15	15
	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 9.52	Ø 12.70	Ø 15.88
	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	20	25	25
	Maximum Height Difference in m	10	10	10
	Pre-Charged Refrigerant in g	380	680	900
	Standard Refrigerant Pre-Charged in m	5	5	5
Additional Charge in g/m				
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.				

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

EFFICIENT & TROPICAL INVERTER - HOT & COLD



ASGG18KJTA-B
ASGG24KJTA-B



ASGG30KJTA-B

KJT Series

Star Rating:

Model Number: ASGG18KJTA-B

ASGG24KJTA-B

ASGG30KJTA-B



Advanced Hyper Tropical Product Design

Coanda Airflow (30)

Wide Voltage Range 155V ~ 265V

5 Star Rating (18/24)

PM 2.5 Filter

10°C Heat Operation

0.5°C Precision Temperature Control

Backlit Remote

Energy Saving With Human Sensor

Double Swing Automatic-3D Airflow

Silicon Coated PCB for Long Life

High Voltage Protection 700V (18/24)

5 Speed Fan Control

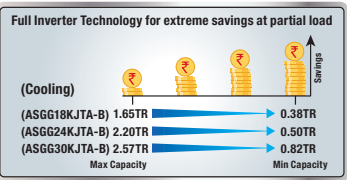
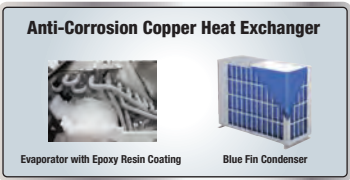
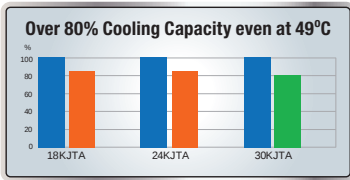
Self Diagnosis

Wireless LAN (Optional)

10 YEAR WARRANTY

5 YEAR WARRANTY

3 METRES PIPING KIT INCLUDED



Wireless Remote



Wired Remote for Group Controller (Optional)

TECHNICAL SPECIFICATIONS

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

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

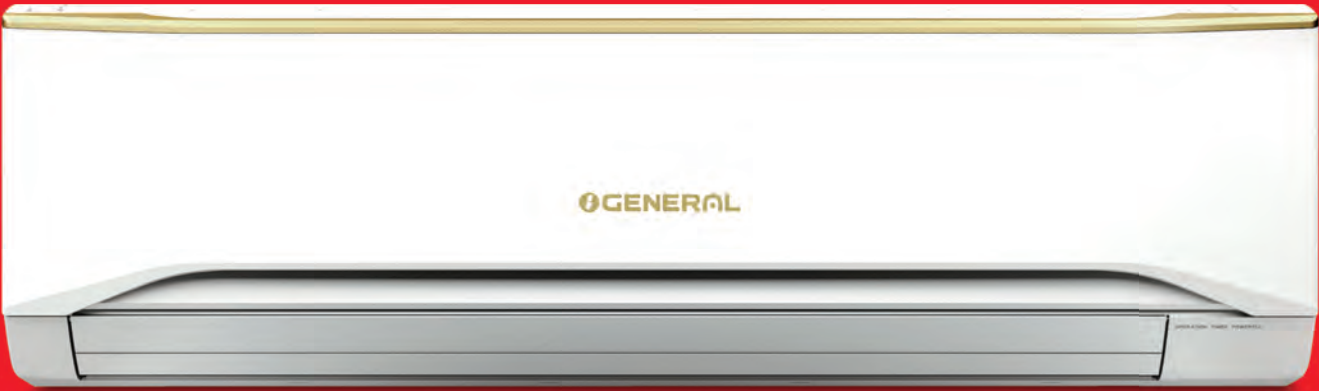
INSTALLATION CHECK POINTS#

Unit Capacity		1.5-Ton	2.0-Ton	2.5-Ton
Model No.		ASGG18KJTA-B	ASGG24KJTA-B	ASGG30KJTA-B
Check for Main Power Supply	Main Power Supply at	Outdoor Unit		
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase		
	Proper Earthing	Mandatory		
	Main Power N & E	± 3 Volts		
ODU to IDU Wiring	Resistance (To be measured with ground test meter)	<25 Ohms		
	Maximum Operating Current in A *1	9.7	14.3	18.8
	Starting Current in A	6.5	9.6	11.2
	Connection Cord ODU to IDU in mm2	1.5	1.5	1.5
	No. of Cores - ODU to IDU	4	4	4
	Power Cable in mm2	1.5	1.5	4
	No of Cores - Power Supply	3	3	3
	Connection cable limited wiring length in m *2	21	31	51
Piping Size & Thickness	Circuit Breaker Current in A	15	20	30
	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 9.52
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 12.70	Ø 12.70	Ø 15.88
	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	20	30	50
	Maximum Height Difference in m	15	25	30
	Pre-Charged Refrigerant in g	1,000	1,500	1,700
	Standard Refrigerant Pre-Charged in m	15	15	20
Additional Charge in g/m		20	20	40
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.				

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

*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 88 for specific modelwise features.

TROPICAL INNOVATION SPLIT



FUT Series

Star Rating:

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

52°C
Hyper Tropical Product Design

25m
Coanda Airflow(30/36)

Powerful
Super High
High
Med
Low
Quiet
6 Speed Fan Control

Double
Double Swing
Automatic-3D Airflow

Blue Fin Condenser

POWERFUL
Powerful Mode

Integrated
ON - OFF Timer

Quiet Operation

Self Diagnosis

3 METRES
PIPING KIT
INCLUDED

Long Reach Airflow

18m ASGA18FUTD-B
Air Circulation
1400 m³/hour

20m ASGA24FUTC-B
Air Circulation
1480 m³/hour

25m ASGA30FUTD-B
ASGA36FUTC-B
Air Circulation
1630 m³/hour

Wireless Remote

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

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGA18FUTD-B	ASGA24FUTC-B	ASGA30FUTD-B	ASGA36FUTC-B
	ODU Model Number	AOGA18FUTDHB	AOGA24FUTCHB	AOGA30FUTDSB	AOGA36FUTCSEB
BEE Star Rating	-	3	3	3	-
Tonnage	TR	1.5	2.0	2.5	3.0
Power Supply	Ph-Hz-V	1φ-50-230			
Running Current	A	6.9	9.3	10.4	14.4
Standard Cooling at 100% Capacity	W	5,470	7,250	8,180	10,580
Power Consumption at 100% Capacity	W	1,560	2,070	2,340	3,140
Rated ISEER	kWh/kWh	3.51	3.50	3.50	3.37
Electricity Consumption per Annum	kWh	1208	1602	1811	NA
Moisture Removal	l/h	1.0	2.0	2.5	4.5
Indoor Fan Speed Control Levels	-	6	6	6	6
Indoor Airflow Volume-Powerful	m3/h	1400	1480	1630	1,630
Indoor Airflow Distance	m	18	20	25	25
Indoor Unit Dimensions HxWxD	mm	340x1150x280	340x1150x280	340x1150x280	340x1150x280
Indoor Unit Net Weight	kg	16.0	17.0	17.0	17.0
Outdoor Unit Dimensions HxWxD	mm	650x830x320	650x830x320	914x970x370	1290x900x330
Outdoor Unit Net Weight	kg	47.0	52.0	77.0	104.0
Indoor Noise Level-Quiet	dB(A)	34	36	41	43
Connection Pipe (Gas / Liquid)	mm	15.88 / 6.35	15.88 / 6.35	15.88 / 9.52	15.88 / 9.52
Pipe Length Min-Max (Precharged)	m	3-20 (7.5)	3-20 (7.5)	3-30 (7.5)	3-50 (20)
Max Height Difference	m	8	8	15	30
Ambient Operating Temperature Range	°C	21°C ~ 52°C	21°C ~ 52°C	21°C ~ 52°C	21°C ~ 52°C
Operating Voltage Range	V	198V ~ 264V	198V ~ 264V	198V ~ 264V	198V ~ 264V
Refrigerant Type	Non-CFC	R410A	R410A	R410A	R410A
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper Tropical Scroll	Hyper Tropical Scroll
Evaporator & Condenser Coil Material	-	Copper	Copper	Copper	Copper

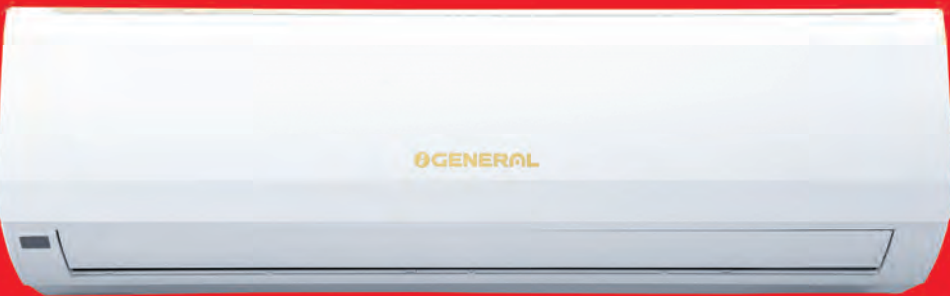
*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of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

INSTALLATION CHECK POINTS

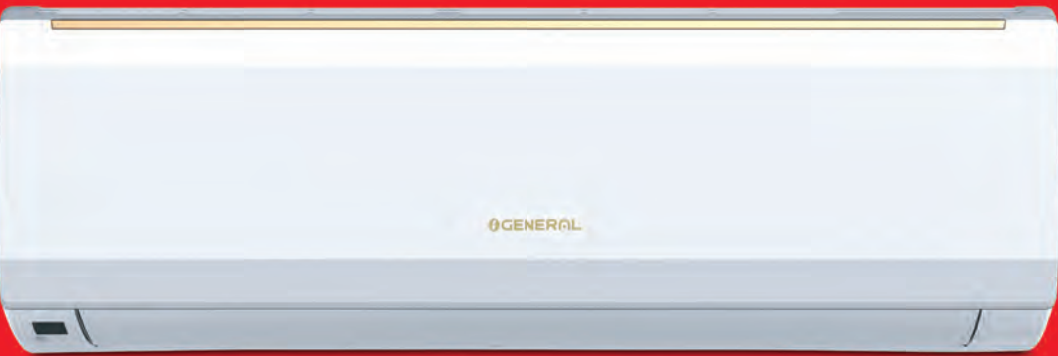
Unit Capacity		1.5-Ton	2.0-Ton	2.5-Ton	3.0-Ton
Model No		ASGA18FUTD-B	ASGA24FUTC-B	ASGA30FUTD-B	ASGA36FUTC-B
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT			
	Main Power Source P & N	230 Volts / 50Hz / 1 Phase			
	Proper Earthing	Mandatory			
	Main Power N & E	± 3 Volts			
	Resistance (To be measured with ground test meter)	<25 Ohms			
ODU to IDU Wiring	Maximum Operating Current in A ^{*1}	10	14	17	24
	Starting Current in A	42	55	60	114
	Connection Cord ODU to IDU in mm²	1.5—2.5	1.5—2.5	1.5—2.5	1.5—2.5
	No. of Cores - ODU to IDU	4	4	4	4
	Power Cable in mm²	2.5—3.5	2.5—3.5	3.5—4.0	3.5—4.0
	No of Cores - Power Supply	3	3	3	3
	Connection cable limited wiring length in m ^{*2}	21	21	31	51
	Circuit Breaker Current in A	20	20	30	30
Piping Size & Thickness	Type of Gas	R410A	R410A	R410A	R410A
	Copper Pipe Thickness in mm	0.8	0.8	1.0	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 9.52	Ø 9.52
	Pipe size-Suction in mm	Ø 15.88	Ø 15.88	Ø 15.88	Ø 15.88
Pipe Limitation & Additional Refrigerant Charge	Minimum Pipe Length in m	3	3	3	3
	Maximum Pipe Length in m	20	20	30	50
	Maximum Height Difference in m	8	8	15	30
	Pre-Charged Refrigerant in g	1,200	1,600	2,450	3,500
	Standard Refrigerant Pre-Charged in m	7.5	7.5	7.5	20
	Additional Charge in g/m	20	20	20	40
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



ASGA12BMWB-B



ASGA18BMWA-B

ASGA24BMWA-B

BMW Series

Star Rating:

MORE STARS
MORE SAVINGS

MORE STARS
MORE SAVINGS

MORE STARS
MORE SAVINGS

Model Number: ASGA12BMWB-B ASGA18BMWA-B ASGA24BMWA-B

50°C

Tropical Product Design

(18/24) 15m

Coanda Airflow

Powerful High Med Low

4 Speed Fan Control

Sensor Function

Higher Moisture Removal Rate

Integrated ON - OFF Timer

POWERFUL Powerful Mode

Coil Auto Dry Function

Temperature Display

3 METRES PIPING KIT INCLUDED

Blue Fin Condenser

Blue Fin Evaporator

1.1 TR High Capacity (ASGA12BMWB-B)

2.1 TR High Capacity (ASGA24BMWA-B)

TROPICAL SPEC

R32

Wireless Remote

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGA12BMWB-B	ASGA18BMWA-B	ASGA24BMWA-B
	ODU Model Number	AOGA12BMWB-B	AOGA18BMWA-B	AOGA24BMWA-B
BEE Star Rating	-	3	3	3
Tonnage	TR	1.1	1.5	2.1
Power Supply	Ph-Hz-V	1φ-50-230		
Running Current	A	4.5	6.2	8.5
Standard Cooling at 100% Capacity	W	4,000	5,300	7,350
Power Consumption at 100% Capacity	W	1,020	1,369	1,900
Rated ISEER	kWh/kWh	3.92	3.87	3.87
Electricity Consumption per Annum	kWh	790	1060	1471
Moisture Removal	l/h	1.6	1.8	2.0
Indoor Fan Speed Control Levels	-	4	4	4
Indoor Airflow Volume-High	m3/h	850	1250	1,400
Indoor Airflow Distance	m	10	15	15
Indoor Unit Dimensions HxWxD	mm	300x970x224	325x1078x246	325x1078x246
Indoor Unit Net Weight	kg	13.5	15.5	16.0
Outdoor Unit Dimensions HxWxD	mm	596x848x320	596x899x378	790x1003x427
Outdoor Unit Net Weight	kg	32.5	42.0	59.0
Indoor Noise Level-Quiet	dB(A)	33	34	37
Connection Pipe (Gas / Liquid)	mm	12.70 / 6.35	12.70 / 6.35	15.88 / 6.35
Pipe Length Min~Max (Precharged)	m	3~20 (5)	3~25 (5)	3~25 (5)
Max Height Difference	m	10	10	10
Ambient Operating Temperature Range	°C	18°C ~ 50°C	18°C ~ 50°C	18°C ~ 50°C
Operating Voltage Range	V	193V ~ 253V	193V ~ 253V	193V ~ 253V
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Tropical Rotary	Tropical Rotary	Tropical Rotary
Evaporator & Condenser Coil Material	-	Copper	Copper	Copper

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

INSTALLATION CHECK POINTS

Unit Capacity		1.1-Ton	1.5-Ton	2.1-Ton
Model No.		ASGA12BMWB-B	ASGA18BMWA-B	ASGA24BMWA-B
Check for Main Power Supply	Main Power Supply at	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}	8	12	14
	Starting Current in A	NA	NA	NA
	Connection Cord ODU to IDU in mm ²	1.5—2.5	1.5—2.5	2.5—3.5
	No. of Cores - ODU to IDU	3	3	3
	Power Cable in mm ²	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}	NA	NA	NA
Piping Size & Thickness	Circuit Breaker Current in A	16	20	20
	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	0.8	0.8	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 12.70	Ø 12.70	Ø 15.88
	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	20	25	25
	Maximum Height Difference in m	10	10	10
	Pre-Charged Refrigerant in g	780	950	1,350
	Standard Refrigerant Pre-Charged in m	5	5	5
	Additional Charge in g/m	12	12	12
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.				

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

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

HYPER TROPICAL CASSETTE



FRT Series

Star Rating: 
Model Number: AUGA25FRTA-B



Hyper Tropical Product Design



weekly timer



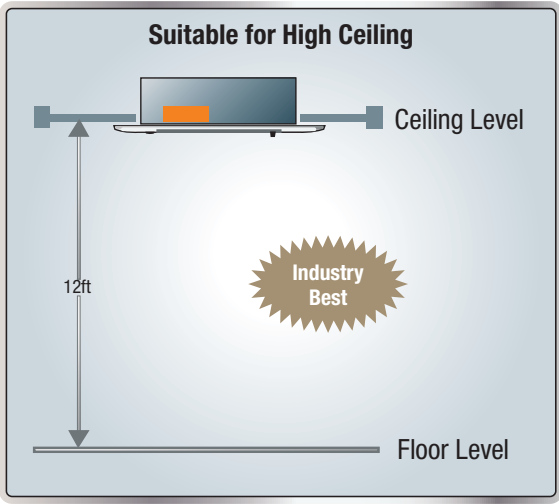
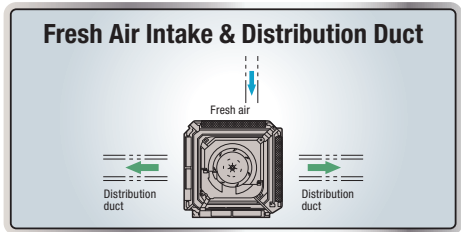
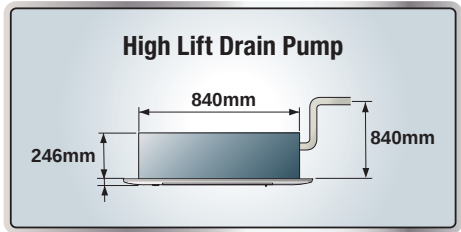
ibuting Connectable Distributing Duct



360° Turbo Flow



Self Diagnosis



Wireless Remote

TECHNICAL SPECIFICATIONS

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

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

INSTALLATION CHECK POINTS

Unit Capacity		1.9-Ton
Model No.		AUGA25FRTA-B
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT
	Main Power Source P & N	230 Volts / 50Hz / 1 Phase
	Proper Earthing	Mandatory
	Main Power N & E	± 3 Volts
	Resistance (To be measured with ground test meter)	<25 Ohms
ODU to IDU Wiring	Maximum Operating Current in A ^{*1}	16.5
	Starting Current in A	55
	Connection Cord ODU to IDU in mm ²	1.5—2.5
	No. of Cores - ODU to IDU	4
	Power Cable in mm ²	2.5—3.5
	No of Cores - Power Supply	3
Piping Size & Thickness	Connection cable limited wiring length in m ^{*2}	26
	Circuit Breaker Current in A	30
	Type of Gas	R410A
	Copper Pipe Thickness in mm	1.0
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Liquid in mm	Ø 6.35
	Pipe size-Suction in mm	Ø 15.88
	Minimum Pipe Length in m	3
	Maximum Pipe Length in m	25
	Maximum Height Difference in m	15
	Pre-Charged Refrigerant in g	1,800
	Standard Refrigerant Pre-Charged in m	7.5
	Additional Charge in g/m	20
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.		

*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.

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.

ECO-FRIENDLY CASSETTE



FUA Series

Model Number: AUG36FUAS AUG54FUAS



Connectable
Distributing Duct



Program
Program timer



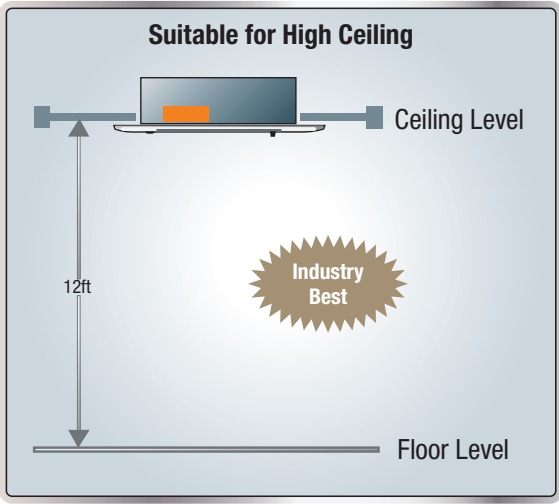
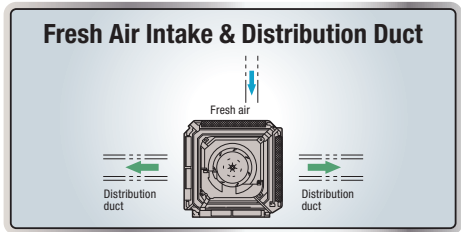
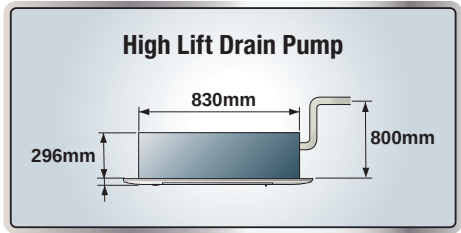
Weekly + setback
Timer



Quiet Operation
12BmWB - 33dB



Self Diagnosis



Wired Remote



Wireless 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 90 for specific modelwise features.
*Wireless remote controller is optional. Indicator PCB assembly, holder (PCB), wire w/connector 08/08 CN13 are additional parts required to install wireless remote controller.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	AUG36FUAS	AUG54FUAS
	ODU Model Number	AOG36FNAXT	AOG54FMAYT
Tonnage	TR	3.0	4.1
Power Supply	Ph-Hz-V	3φ-50-400	
Running Current	A	6.2	9.5
Standard Cooling at 100% Capacity	W	10,500	14,500
Power Consumption at 100% Capacity	W	3,740	5,160
EER	W/W	2.81	2.81
Moisture Removal	l/h	4.0	6.0
Indoor Fan Speed Control Levels	-	4	4
Indoor Airflow Volume-High	m3/h	1500	1,700
Indoor Unit Dimensions HxWxD	mm	296x830x830	296x830x830
Indoor Unit Net Weight	kg	37.0	40.0
Grille Dimensions HxWxD	mm	30x940x940	30x940x940
Outdoor Unit Dimensions HxWxD	mm	1165x900x330	1290x900x330
Outdoor Unit Net Weight	kg	80.0	114.0
Connnection Pipe (Gas / Liquid)	mm	15.88 / 9.52	19.05 / 9.52
Pipe Length Min-Max (Precharged)	m	3~50 (20)	3~50 (20)
Max Height Difference	m	30	30
Ambient Operating Temperature Range	°C	0°C ~ 43°C	0°C ~ 43°C
Refrigerant Type	Non-CFC	R410A	R410A
Compressor Type	-	Rotary	Scroll
Evaporator & Condenser Coil Material	-	Copper	Copper

*Specifications, design and features are subject to change without prior notice for further development. 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. Standard length of wired remote is 10m, which can be extended upto 500m. Wire spec is 22 AWG (0.33mm2).

INSTALLATION CHECK POINTS

Unit Capacity		3.0-TON	4.1-TON
Model No.		AUG36FUAS	AUG54FUAS
Check for Main power supply	Main Power Supply at	OUT DOOR UNIT	OUT DOOR UNIT
	Main power Source P & N	400 Volts/50Hz/3 Phase	
	Proper earthing	Mandatory	
	Main power N & E	± 3 Volts	± 3 Volts
	Resistance (To be measured with ground test meter)	<25 Ohms	<25 Ohms
ODU to IDU Wiring	Maximum Operating Current in A *1	7.5	11
	Starting Current in A	37	70
	Connection Cord ODU to IDU in mm2	1.0—2.5	1.0—2.5
	No. of Cores - ODU to IDU	4	4
	Power Cable in mm2	2.5—4.0	2.5—4.0
	No of Cores - Power Supply	5	5
	Connection cable limited wiring length in m *2	51	51
Piping Size & Thickness	Circuit Breaker Current in A	20	20
	Type of Gas	R410A	R410A
	Copper Pipe Thickness in mm	1.0	1.0
	Pipe size-Liquid in mm	Ø 9.52	Ø 9.52
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 15.88	Ø 19.05
	Minimum Pipe Length in m	3	3
	Maximum Pipe Length in m	50	50
	Maximum Height Difference in m	30	30
	Pre-Charged Refrigerant in g	2000	3300
	Standard Refrigerant Pre-Charged in m	20	20
	Additional Charge in g/m	30	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 WINDOW



AMGB09BAWA-B



AFGB12BAWA-B



AXGB18BAWA-B

AXGB24BAWA-B

BAW Series

Star Rating:



Model Number: AMGB09BAWA-B



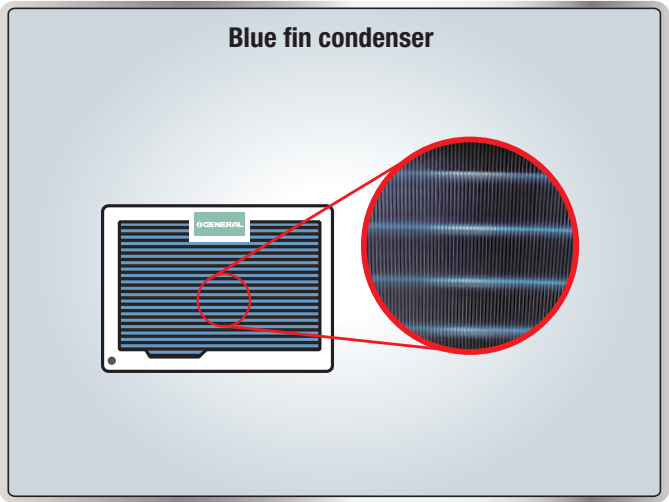
AFGB12BAWA-B



AXGB18BAWA-B



AXGB24BAWA-B

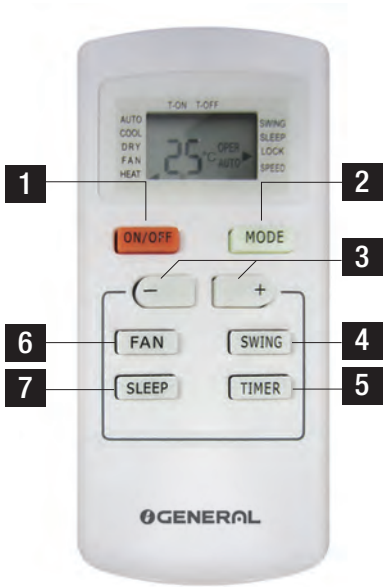


TECHNICAL SPECIFICATIONS

PARAMETERS	Model Number	AMGB09BAWA-B	AFGB12BAWA-B	AXGB18BAWA-B	AXGB24BAWA-B
BEE Star Rating	-	5	5	5	4
Tonnage	TR	0.8	1.1	1.5	1.7
Power Supply	Ph-Hz-V	1φ-50-230	1φ-50-230	1φ-50-230	1φ-50-230
Running Current	A	3.7	5.3	7	8.3
Standard Cooling at 100% Capacity	W	2,820	3,960	5,300	6,050
Power Consumption at 100% Capacity	W	840	1,197	1,600	1,905
Rated ISEER	kWh/kWh	3.36	3.31	3.31	3.18
Electricity Consumption per Annum	kWh	650	927	1239	1475
Moisture Removal	l/h	1.0	1.5	2.2	2.2
Indoor Airflow Volume-High	m3/h	480	640	780	860
Unit Dimensions HxWxD	mm	375x560x668	428x660x700	428x660x770	428x660x770
Unit Net Weight	kg	38.5	48.0	58.0	61.0
Indoor Noise Level-Low	dB(A)	47	46	51	51
Ambient Operating Temperature Range	°C	18°C ~ 50°C	18°C ~ 50°C	18°C ~ 50°C	18°C ~ 50°C
Operating Voltage Range	V	193V ~ 253V	193V ~ 253V	193V ~ 253V	193V ~ 253V
Refrigerant Type	Non-CFC	R32	R32	R32	R32
Compressor Type	-	Tropical Rotary	Tropical Rotary	Tropical Rotary	Tropical Rotary
Condenser Coil Material	-	Copper	Copper	Copper	Copper

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

REMOTE CONTROLLER FEATURES



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

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

ADVANCED HYPER TROPICAL WINDOW



FHT Series

Star Rating:



Model Number: AXGT18FHTC-B

AXGT24FHTC-B



Advanced Technology

Large heat exchanger with 6 row coil (24FHTC)
Large and effective propeller fan

Super Power / Super Wave

Long louver provides wide airflow

◀ New, long louver
Wide airflow

Rear Cabinet Protection

The only AC with a backside cover for additional protection to heat exchanger from sun and sand.

High Reliability

Aluminium bracket motor
Corrosion resistant heat exchanger
High Efficiency Condenser

Fujitsu Fan Motor

Efficient, state-of-the-art Fujitsu-Japan fan motor with BSS sealing, CRS ball bearing and aluminum fin.

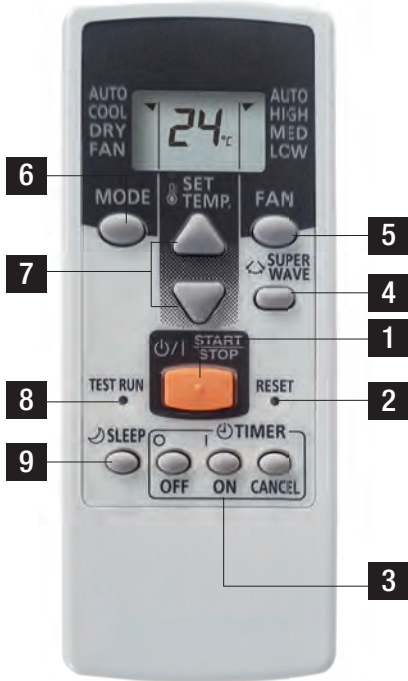
Mildew Resistant Filter

Prevents mold formation

TECHNICAL SPECIFICATIONS

PARAMETERS	Model Number	AXGT18FHTC-B	AXGT24FHTC-B
BEE Star Rating	-	3	3
Tonnage	TR	1.5	1.8
Power Supply	Ph-Hz-V	1φ-50-230	1φ-50-230
Running Current	A	8.2	9.9
Standard Cooling at 100% Capacity	W	5,370	6,450
Power Consumption at 100% Capacity	W	1,800	2,220
Rated ISEER	kWh/kWh	2.98	2.91
Electricity Consumption per Annum	kWh	1393	1719
Moisture Removal	l/h	2.0	2.0
Indoor Airflow Volume-High	m3/h	940	990
Unit Dimensions HxWxD	mm	455x670x710	455x670x710
Unit Net Weight	kg	56.0	62.0
Indoor Noise Level-Low	dB(A)	51	53
Ambient Operating Temperature Range	°C	21°C ~ 55°C	21°C ~ 55°C
Operating Voltage Range	V	198V ~ 264V	198V ~ 264V
Refrigerant Type	Non-CFC	R410A	R410A
Compressor Type	-	Advanced Hyper Tropical Rotary	Advanced Hyper Tropical Rotary
Condenser Coil Material	-	Copper	Copper

REMOTE CONTROLLER FEATURES



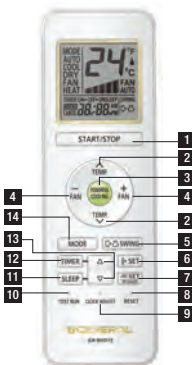
- 1 START/STOP BUTTON
- 2 RESET BUTTON
- 3 TIMER BUTTON
- 4 SUPER WAVE BUTTON
- 5 FAN BUTTON
- 6 MODE BUTTON
- 7 SET TEMPERATURE (▲/▼) BUTTON
- 8 TEST RUN BUTTON
- 9 SLEEP BUTTON

*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 79 for specific modelwise features.

FEATURE PACKED WIRELESS REMOTE CONTROLLERS

Inverter Split Air Conditioners

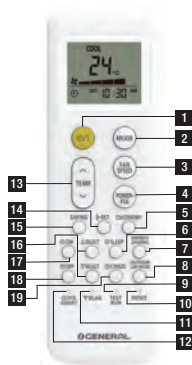
TROPICAL INNOVATION INVERTER



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

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

EFFICIENT & TROPICAL INVERTER

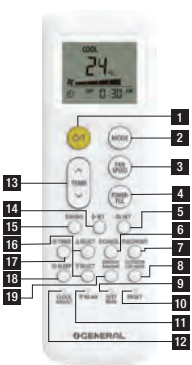


(ASGG12CGTB-B)

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



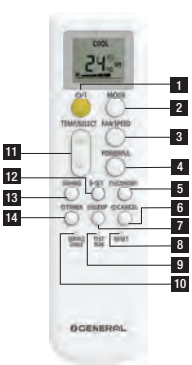
EFFICIENT & TROPICAL INVERTER



(ASGG18/24CGTB-B)

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

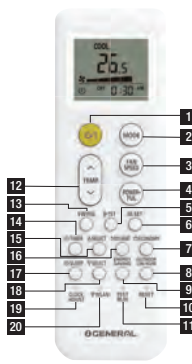
TROPICAL INVERTER



(ASGG12/18CPTB-B)

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

EFFICIENT & TROPICAL INVERTER - HOT & COLD

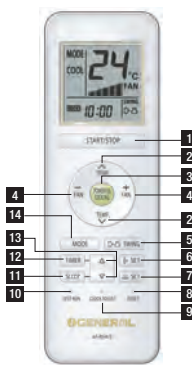


(ASGG18/24/30KJTA-B)

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

Fixed Speed Split Air Conditioners

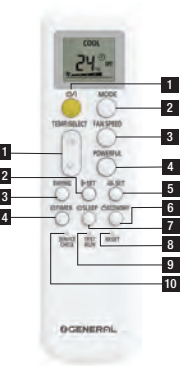
TROPICAL INNOVATION SPLIT



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

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

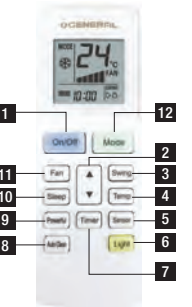
TROPICAL INVERTER



(ASGG24CPTB-B)

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

TROPICAL INVERTER

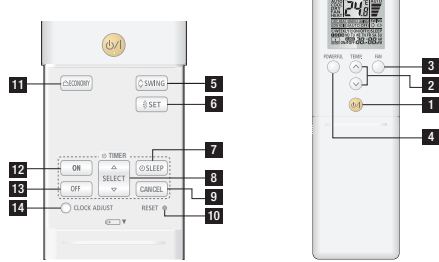


(ASGA12/18/22CLWA-B)

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

Fixed Speed Cassette Air Conditioners

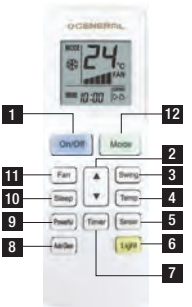
HYPER TROPICAL CASSETTE



(AUGA25FRTA-B)

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

EXTREME COOLING SPLIT



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

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

FEATURE EXPLANATION



Condenser Protection Grill
Protects the condenser from damage



Wireless Remote Controller
For ease of operation.



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



6 Row Coil
Enables faster and efficient cooling.



Filter Sign
Indicates the filter cleaning period by lamp.



Connectable Distributing Duct
Can make extension of supply air.



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



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



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



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



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



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



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



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



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



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



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



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



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



Mildew Resistant Filter
Prevents mold formation.



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



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



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



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



Fan speed Control
Number of steps of airflow control.



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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

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

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

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

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

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

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

FEATURES		FIXED SPEED CASSETTE - COOLING		
		AUGA25FRTA-B	AUG36FUAS	AUG54FUAS
COMFORT	 UP / DOWN LOUVERS	o	o	o
	 360 TURBO FLOW	o	-	-
	 WIDE ANGLE LOUVERS	o	-	-
	 AUTOMATIC AIRFLOW ADJUSTMENT	o	o	o
	 QUIET OPERATION	o	o	o
	 DRY FUNCTION	o	o	o
	 CONNECTABLE DISTRIBUTING DUCT	o	o	o
	 CONNECTABLE FRESH AIR DUCT	o	o	o
	 ENERGY SAVING MODE	-	o	o
	 MILDEW RESISTANT FILTER	o	o	o
CONVENIENCE	 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	-	-
	 FILTER SIGN	o	-	-
	 WIRELESS REMOTE CONTROLLER	o	-	-
	 WIRED REMOTE CONTROLLER	-	o	o
	 AUTO RESTART	o	o	o
	 LONG PIPE	o	o	o
PERFORMANCE	 PROGRAM TIMER	-	o	o
	 WEEKLY TIMER	o	-	-
	 WEEKLY + SETBACK TIMER	-	o	o
	 CORROSION RESISTANT ODU	o	o	o
	 POWDER COATED OUTDOOR UNIT	o	o	o
	 CONDENSER PROTECTION GRILL	o	o	o
	 INNER GROOVE COPPER TUBE	o	o	o
	 SELF DIAGNOSIS	o	o	o

NOTES:

FEATURES		FIXED SPEED WINDOW - COOLING					
		AMGB09BAWA-B	AFGB12BAWA-B	AXGB18BAWA-B	AXGB24BAWA-B	AXGT18FHTC-B	AXGT24FHTC-B
 LEFT / RIGHT SWING LOUVERS		o	o	o	o	o	o
 SUPER WAVE TECHNOLOGY		o	o	o	o	o	o
 AUTOMATIC AIRFLOW ADJUSTMENT		o	o	o	o	o	o
 POWERFUL MODE		o	o	o	o	o	o
 FRESH AIR INTAKE		o	o	o	o	o	o
 WIRELESS REMOTE CONTROLLER		o	o	o	o	o	o
 AUTO RESTART		o	o	o	o	o	o
 QUIET OPERATION		o	o	o	o	o	o
 WASHABLE PANEL		o	o	o	o	o	o
 COMPRESSOR INSULATION JACKET		-	-	-	-	o	o
 REAR CABINET PROTECTION		-	-	-	-	o	o
 MILDEW RESISTANT FILTER		o	o	o	o	o	o
 CATECHIN FILTER		o	o	o	o	-	-
 SLEEP TIMER		o	o	o	o	o	o
 6 ROW COIL		-	-	-	-	-	o
 CORROSION RESISTANT BODY		o	o	o	o	o	o
 BLUE FIN CONDENSER		o	o	o	o	-	-

NOTES:

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