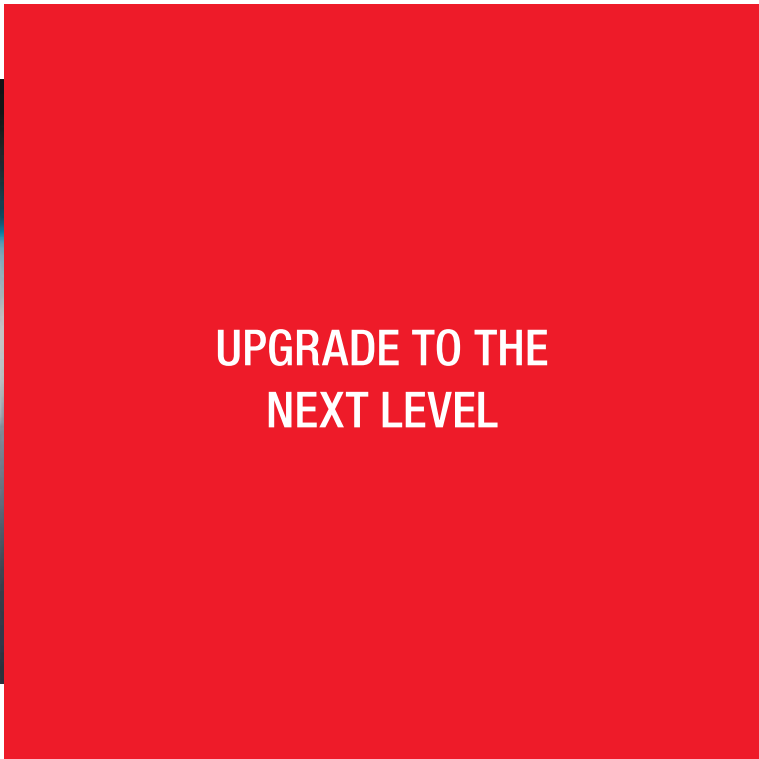


## Upgrade to the next level



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

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



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

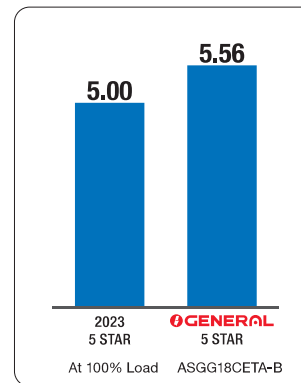


**25m Long Reach Airflow**

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

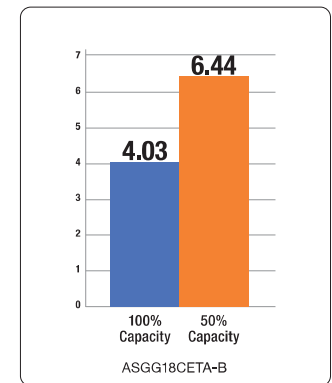
**25m**

**Higher Seasonal Efficiency**



Indian Seasonal Energy Efficiency Ratio (ISEER)

**50% Load Efficiency for CET Series**



Energy Efficiency Ratio (EER)



# 25 METRES LONG REACH AIR FLOW

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

## Powerful Operation

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

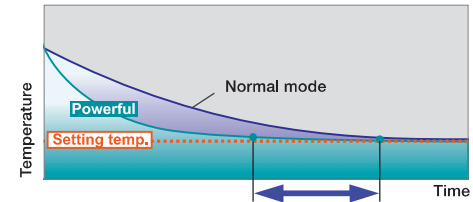
### 6 Speed Fan Control



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



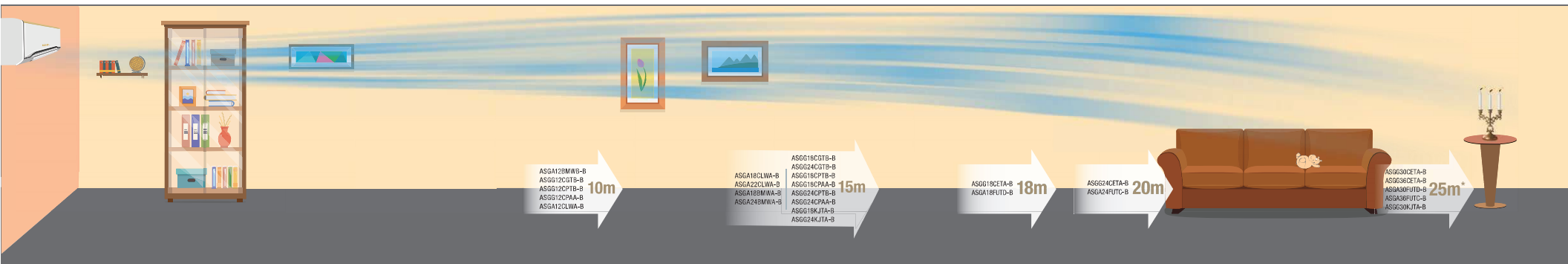
One touch powerful cooling mode



Cooling time in powerful mode is shorter than in normal mode



Certified 25m Airflow



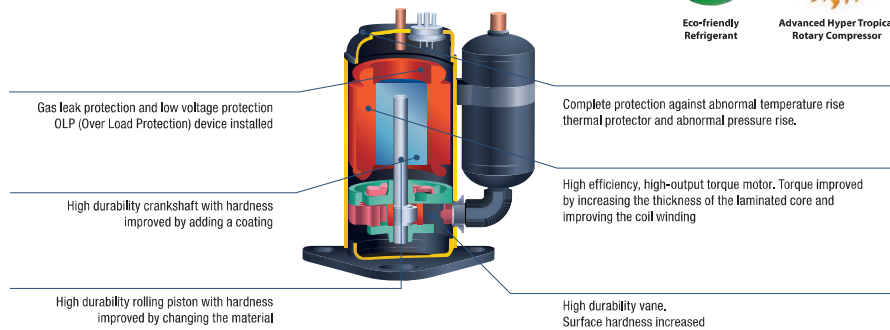


## HYPER TROPICAL DESIGN



## OPTIMISED AIR FLOW

### Advanced Hyper Tropical Rotary Compressor



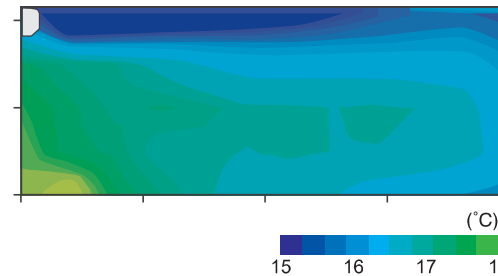
Designed & developed by Fujitsu General

### Hyper Tropical Spec

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

### Coanda Airflow

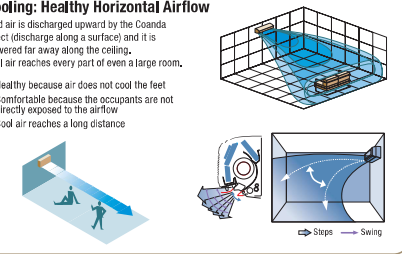
With advanced airflow technology, General provides powerful airflow and better air distribution for corner to corner cooling. The cold air discharged is directed upward, which achieves the Coanda airflow along the ceiling, producing long reach airflow.



#### Cooling: Healthy Horizontal Airflow

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

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







# ALL DC INVERTER TECHNOLOGY

## 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.

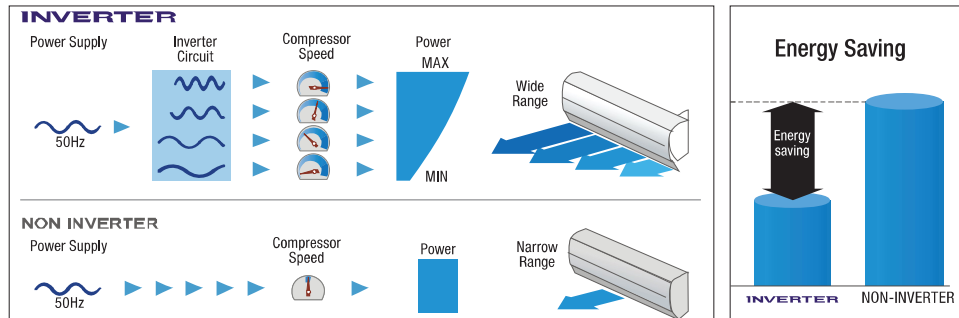
An INVERTER air conditioner changes the speed of the compressor by varying the frequency of the power supply to give superior cooling.

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.

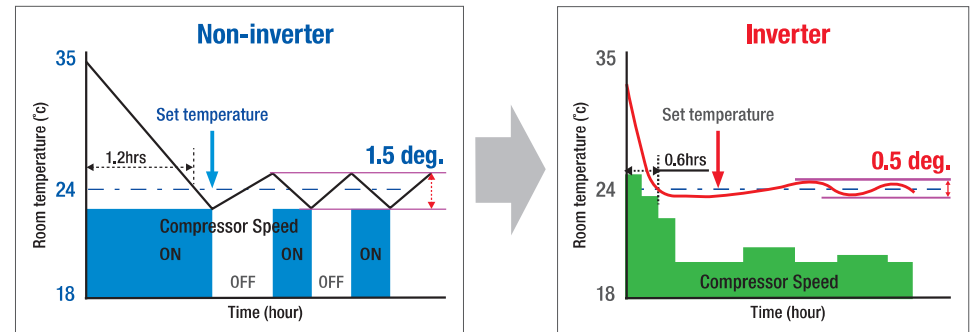
## Full Inverter Technology

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)



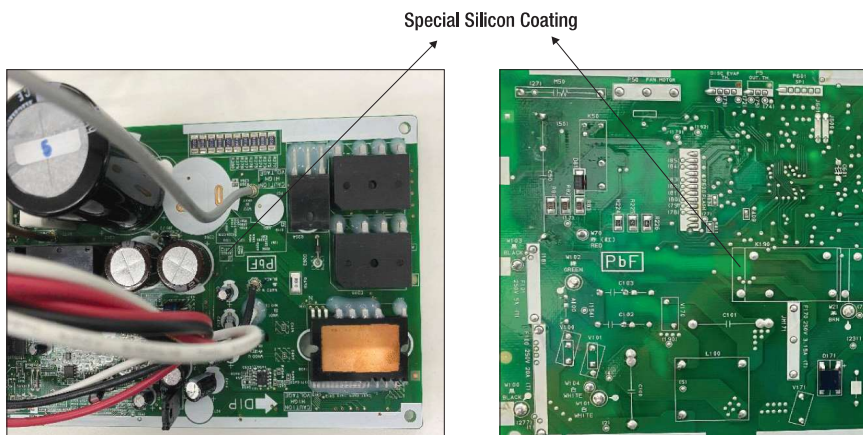
## HIGH DURABILITY PCB



## PM 2.5 FILTER

### Silicon Coated PCB

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

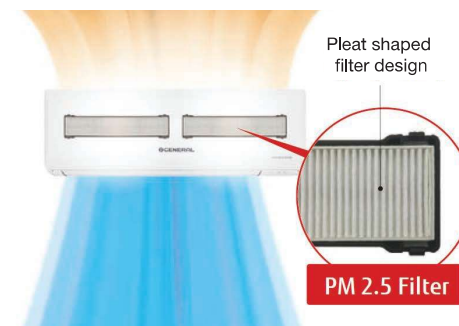


### PM 2.5 Filter

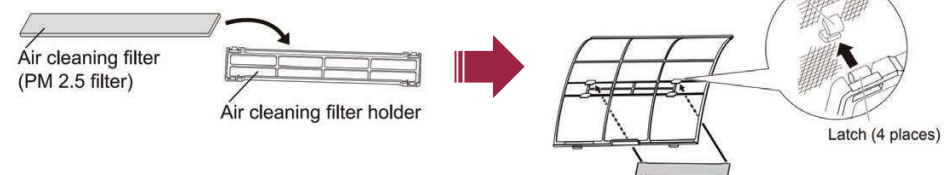
Cleans the air by catching particles as small as 0.3 – 2.5  $\mu\text{m}$ .

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

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



### How to install the filter





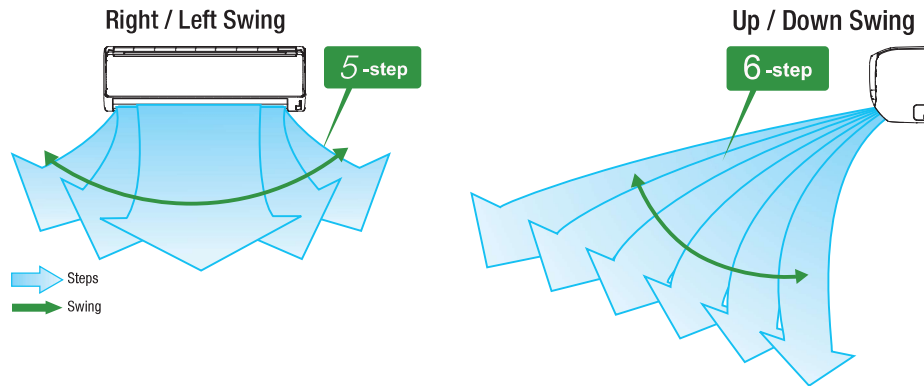
## 3D DOUBLE AUTO SWING



## ANTI-DRIP DESIGN

### 3D Double Auto Swing 30 Step Control

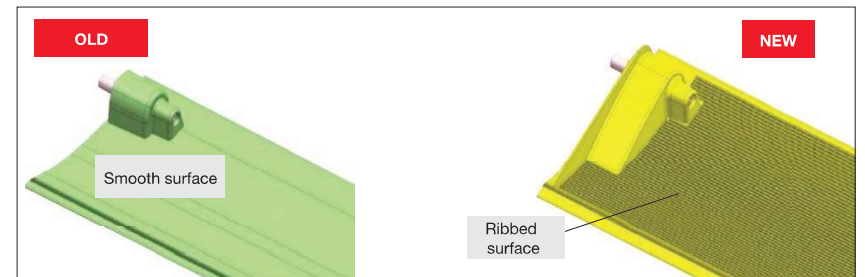
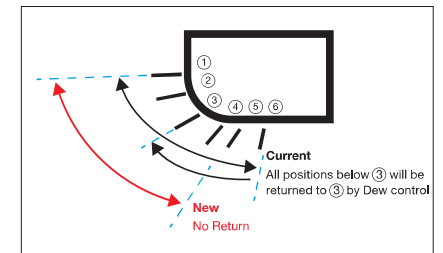
A combination of right/left and up/down directional swing airflow 3-dimensional air direction control with 30 unique configurations, which enables precision wind direction control for corner to corner cooling.



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

### Dew Drip Prevention

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



Note: Available in select models.





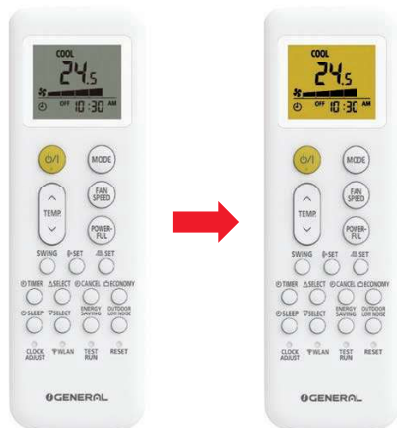
**BACKLIT  
REMOTE  
DISPLAY**



**PRECISION  
TEMPERATURE  
CONTROL**

### Backlight System

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

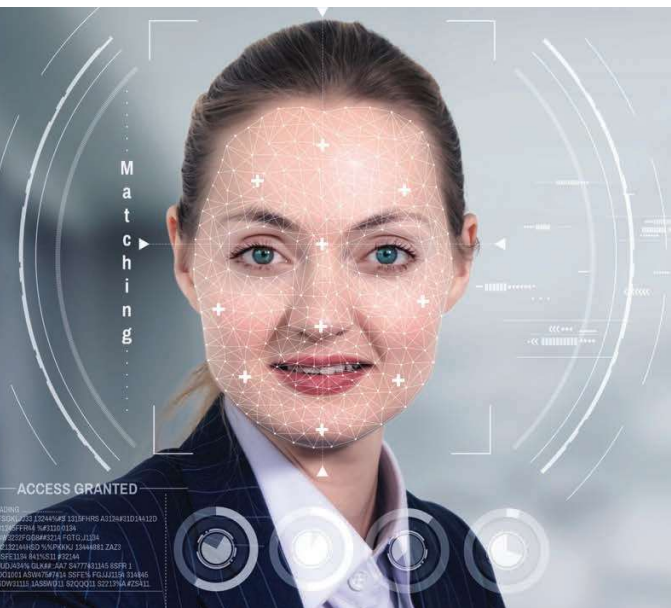


### 0.5°C Precision Temperature Control

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







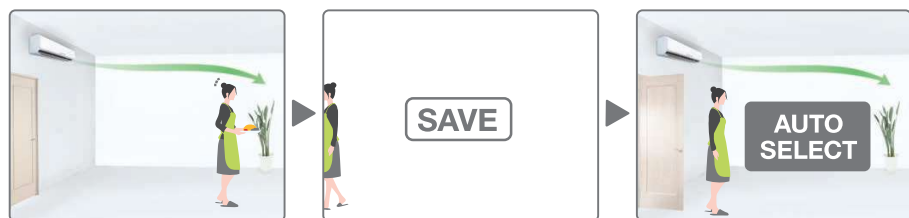
## HUMAN SENSOR



## 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.

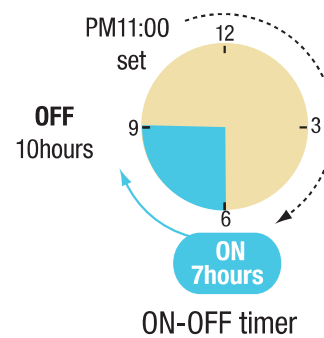


Note: Available in CLW and BMW series models.

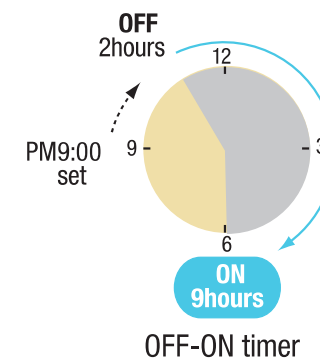
### Integrated ON – OFF Timer

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...)

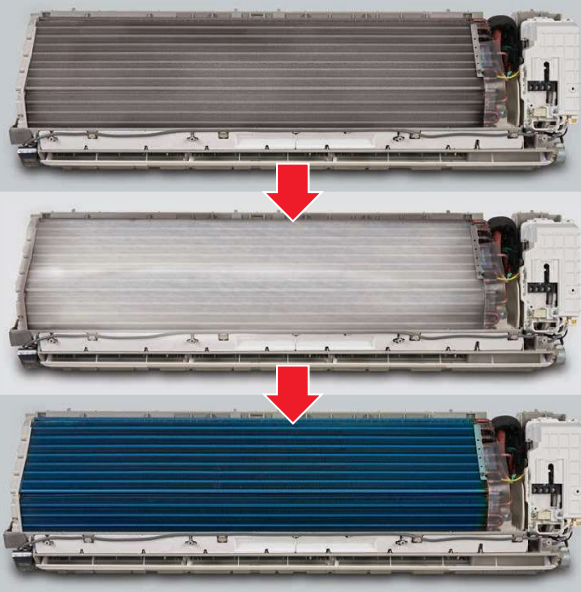
#### From wake-up to go to work



#### 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.

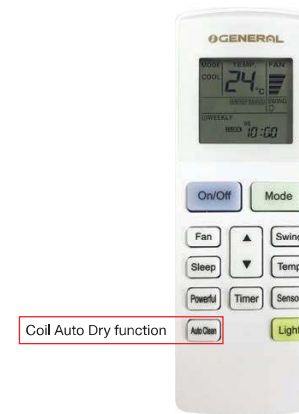


**TO START / STOP**

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



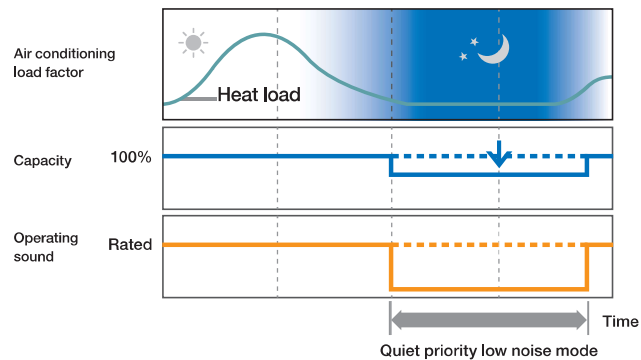
## OUTDOOR UNIT LOW NOISE OPERATION



## 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.

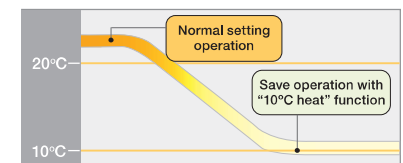
2. If the wired remote controller (optional) is connected, this function is restricted.

### 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.





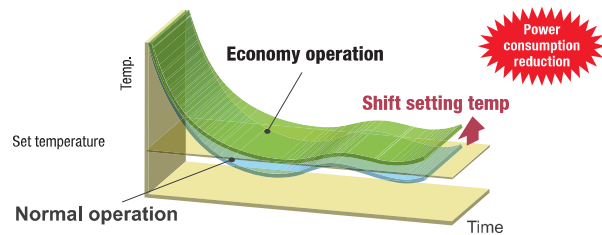
## ECONOMY MODE



## 24° C DEFAULT TEMPERATURE SETTING

### Economy Mode

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



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

Note: Available in select models.

### 24°C Default Temperature Setting

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

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



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

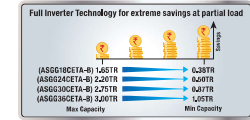
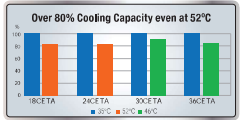
# TROPICAL INNOVATION INVERTER



## CET Series

Star Rating:

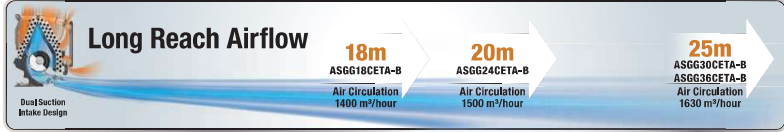
Model Number: ASGG18CETA-B ASGG24CETA-B ASGG30CETA-B ASGG36CETA-B



Wireless Remote



Wired Remote for Group Controller (Optional)



\*Design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Please refer page 86 for specific modelwise features.

## TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGG18CETA-B	ASGG24CETA-B	ASGG30CETA-B	ASGG36CETA-B
	ODU Model Number	AOGG18CETA-B	AOGG24CETA-B	AOGG30CETA-B	AOGG36CETA-B
BEE Star Rating	-	5	5	4	5
Tonnage	TR	1.5 (0.38-1.65)	2.0 (0.50-2.20)	2.5 (0.67-2.75)	3.0 (1.05-3.00)
Power Supply	Ph-Hz-V	1φ-50-230			
Running Current	A	6.0	8.1	11.0	15.3
Standard Cooling at 100% Capacity (Min-Max)	W	5,280 (1320-5810)	7,040 (1760-7740)	8,800 (3080-9680)	10,560 (3700-10560)
Standard Cooling at 50% Capacity	W	2,640	3,520	4,400	5,280
Power Consumption at 100% Capacity (Min-Max)	W	1,310 (150-1570)	1,830 (340-2350)	2,500 (540-2680)	3,450 (540-3450)
Power Consumption at 50% Capacity	W	410	590	820	1,050
EER at 100% Capacity	W/W	4.03	3.85	3.52	3.06
EER at 50% Capacity	W/W	6.44	5.97	5.37	5.03
Rated ISEER	kWh/kWh	5.56	5.22	4.74	4.28
Electricity Consumption per Annum	kWh	735	1043	1438	-
Moisture Removal	l/h	1.0	2.0	2.7	4.5
Indoor Fan Speed Control Levels	-	6	6	6	6
Indoor Airflow Volume-Powerful	m³/h	1400	1500	1630	1630
Indoor Airflow Distance	m	18	20	25	25
Indoor Unit Dimensions HxWxD	mm	340x1150x280	340x1150x280	340x1150x280	340x1150x280
Indoor Unit Net Weight	kg	16.0	16.0	16.0	16.0
Outdoor Unit Dimensions HxWxD	mm	632x799x290	716x820x315	788x940x320	788x940x320
Outdoor Unit Net Weight	kg	35.0	41.0	52.0	53.0
Indoor Noise Level-Quiet	dB(A)	28	30	32	32
Connection Pipe (Gas / Liquid)	mm	12.70 / 6.35	12.70 / 6.35	15.88 / 9.52	15.88 / 9.52
Pipe Length Min-Max (Precharged)	m	3-20 (15)	3-20 (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) <28 Ohms				
	Maximum Operating Current in A <sup>1</sup>	12.3	14.3	18.8	18.8
	Starting Current in A	6.0	8.1	11.0	15.3
	Connection Cord ODU to IDU in mm <sup>2</sup>	1.5	1.5	1.5	1.5
	No. of Cores - ODU to IDU	4	4	4	4
	Power Cable in mm <sup>2</sup>	1.5	1.5	4.0	4.0
Piping Size & Thickness	No of Cores - Power Supply	3	3	3	3
	Connection cable limited wiring length in m <sup>2</sup>	21	31	51	51
	Circuit Breaker Current in A	15	15	30	30
	Type of Gas	R32	R32	R32	R32
Pipe Limitation & Additional Refrigerant Charge	Copper Pipe Thickness in mm	0.8	0.8	1.0	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 9.52	Ø 9.52
	Pipe size-Suction in mm	Ø 12.70	Ø 12.70	Ø 15.88	Ø 15.88
	Minimum Pipe Length in m	3	3	3	3
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.	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

# 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 Voltage Range 155V - 280V	5 Star Rating	PM 2.5 Filter	Self Diagnosis
0.5°C Precision Temperature Control	Backlit Remote	Energy Saving With Human Sensor	Double Swing Automatic-3D Airflow (18/24)	Silicon Coated PCB for Long Life	High Voltage Protection 700V
5 Speed Fan Control	Powerful Mode	Wireless LAN (Optional)	10 Year Compressor Warranty	5 Year Warranty	3 METRES PIPING KIT INCLUDED
Over 80% Cooling Capacity even at 49°C	Anti-Corrosion Copper Heat Exchanger	Full Inverter Technology for extreme savings at partial load			

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 (140-1080)	1,380 (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	1.8	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	Model No.	1.0-Ton	1.5-Ton	2.0-Ton
		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		
ODU to IDU Wiring	Resistance (To be measured with ground test meter)	<25 Ohms		
	Maximum Operating Current in A <sup>1</sup>	9.3	9.7	14.3
	Starting Current in A	4.8	6.5	8.5
	Connection Cord ODU to IDU in mm <sup>2</sup>	1.5	1.5	1.5
	No. of Cores - ODU to IDU	4	4	4
	Power Cable in mm <sup>2</sup>	1.5	1.5	1.5
Piping Size & Thickness	No of Cores - Power Supply	3	3	3
	Connection cable limited wiring length in m <sup>2</sup>	21	21	31
	Circuit Breaker Current in A	15	15	15
	Type of Gas	R32	R32	R32
Pipe Limitation & Additional Refrigerant Charge	Copper Pipe Thickness in mm	0.8	0.8	0.8
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35
	Pipe size-Suction in mm	Ø 9.52	Ø 12.70	Ø 12.70
	Minimum Pipe Length in m	3	3	3
	Maximum Pipe Length in m	20	20	30
	Maximum Height Difference in m	15	15	25
Additional Refrigerant Charge	Pre-Charged Refrigerant in g	750	1,000	1,400
	Standard Refrigerant Pre-Charged in m	15	15	15
	Additional Charge in g/m	20	20	20

NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.

# Information is subject to change without prior notice.

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

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

# TROPICAL INVERTER



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



ASGG24CPTB-B  
ASGG24CPAA-B

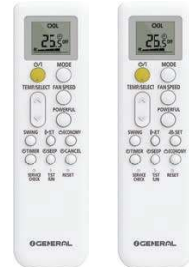
## CPT/CPA Series

Star Rating:

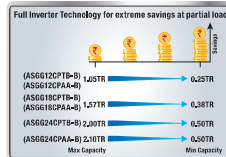
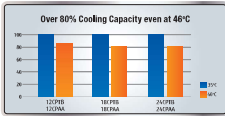
Model Number: ASGG12CPTB-B ASGG12CPAA-B ASGG18CPTB-B ASGG18CPAA-B ASGG24CPTB-B ASGG24CPAA-B



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



Wireless Remote



## TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGG12CPTB-B	ASGG18CPTB-B	ASGG24CPTB-B	ASGG12CPAA-B	ASGG18CPAA-B	ASGG24CPAA-B
	ODU Model Number	AOGG12CPTB-B	AOGG18CPTB-B	AOGG24CPTB-B	AOGG12CPAA-B	AOGG18CPAA-B	AOGG24CPAA-B
BEE Star Rating	-	3	3	3	3	3	3
Tonnage	-	1.0	1.5	2.0	1.0	1.5	2.0
Power Supply	Ph-Hz-V	1φ-50-230					
Running Current	A	5.7	8.5	10.6	5.7	8.5	10.6
Standard Cooling at 100% Capacity (Min-Max)	W	3,520 (880-3700)	5,280 (1320-5540)	7,040 (1720-7040)	3520 (880-3700)	5280 (1320-5540)	7040 (1760-7390)
Standard Cooling at 50% Capacity	W	1,760	2,640	3,520	1,760	2,640	3,520
Power Consumption at 100% Capacity (Min-Max)	W	1,220 (210-1230)	1,880 (270-1960)	2,390 (190-2390)	1220 (200-1230)	1880 (270-1960)	2390 (240-2620)
Power Consumption at 50% Capacity	W	400	600	690	400	600	690
EER at 100% Capacity	W/W	2.89	2.81	2.95	2.89	2.81	2.95
EER at 50% Capacity	W/W	4.40	4.40	5.10	4.40	4.40	5.10
Rated ISEER	kWh/kWh	3.88	3.83	4.24	3.88	3.83	4.24
Electricity Consumption per Annum	kWh	702	1066	1286	702	1066	1286
Moisture Removal	l/h	1.5	1.9	2.7	1.5	1.9	2.7
Indoor Fan Speed Control Levels	-	5	5	5	5	5	5
Indoor Airflow Volume-High	m <sup>3</sup> /h	700	940	1170	700	940	1170
Indoor Airflow Distance	m	10	15	15	10	15	15
Indoor Unit Dimensions HxWxD	mm	270x834x222	270x834x239	280x980x240	270 x 834 x 239	270 x 834 x 239	280 x 980 x 240
Indoor Unit Net Weight	kg	9.5	10.5	12.5	10.0	11.0	12.5
Outdoor Unit Dimensions HxWxD	mm	541x663x290	541x663x290	632x799x290	541 x 663 x 290	541 x 663 x 290	632 x 799 x 290
Outdoor Unit Net Weight	kg	22.0	25.0	36.0	21.0	25.0	33.0
Indoor Noise Level-Quiet	dB(A)	22	28	29	22	28	30
Connection Pipe (Gas / Liquid)	mm	9.52 / 6.35	12.70 / 6.35	12.70 / 6.35	9.52 / 6.35	12.70 / 6.35	12.70 / 6.35
Pipe Length Min-Max (Precharged)	m	3-20 (10)	3-20 (10)	3-25 (15)	3-20 (10)	3-20 (10)	3-25 (15)
Max Height Difference	m	15	15	20	15	15	20
Ambient Operating Temperature Range	°C	18°C - 55°C	18°C - 55°C	18°C - 55°C	18°C - 55°C	18°C - 55°C	18°C - 55°C
Operating Voltage Range	V	155V - 280V	155V - 280V	155V - 265V	155V - 280V	155V - 280V	155V - 265V
Refrigerant Type	-	R32	R32	R32	R32	R32	R32
Compressor Type	-	Advanced Hyper Tropical Rotary	Advanced Hyper Tropical Rotary	Advanced Hyper Tropical Twin Rotary	Advanced Hyper Tropical Rotary	Advanced Hyper Tropical Rotary	Advanced Hyper Tropical Twin Rotary
Evaporator & Condenser Material	-	Copper	Copper	Copper	Copper	Copper	Copper

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

## INSTALLATION CHECK POINTS

Unit Capacity	1.0-Ton	1.0-Ton	1.5-Ton	1.5-Ton	2.0-Ton	2.0-Ton	
Model No.	ASGG12CPTB-B	ASGG12CPAA-B	ASGG18CPTB-B	ASGG18CPAA-B	ASGG24CPTB-B	ASGG24CPAA-B	
Check for Main Power Supply	OUTDOOR UNIT						
	Main Power Source P & N						
	230 Volts / 50Hz / 1 Phase						
	Proper Earthing						
ODU to IDU Wiring	Mandatory						
	Main Power N & E						
	± 3 Volts						
	Resistance (To be measured with ground test meter)						
Piping Size & Thickness	<25 Ohms						
	Maximum Operating Current in A <sup>1</sup>	6.5	7.0	9.5	9.5	13.5	13.5
	Starting Current in A	5.7	5.7	8.5	8.5	10.6	10.6
	Connection Cord ODU to IDU in mm <sup>2</sup>	1.5	1.5	1.5	1.5	1.5	1.5
	No. of Cores - ODU to IDU	4	4	4	4	4	4
	Power Cable in mm <sup>2</sup>	1.5	1.5	1.5	1.5	1.5	1.5
	No of Cores - Power Supply	3	3	3	3	3	3
	Connection cable limited wiring length in m <sup>2</sup>	21	21	21	21	26	26
	Circuit Breaker Current in A	15	15	15	15	15	15
	Type of Gas	R32	R32	R32	R32	R32	R32
Pipe Limitation & Additional Refrigerant Charge	Copper Pipe Thickness in mm	0.8	0.8	0.8	0.8	0.8	
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 6.35	Ø 6.35	Ø 6.35	
	Pipe size-Suction in mm	Ø 9.52	Ø 9.52	Ø 12.70	Ø 12.70	Ø 12.70	
	Minimum Pipe Length in m	3	3	3	3	3	
	Maximum Pipe Length in m	20	20	20	20	25	
	Maximum Height Difference in m	15	15	15	15	20	
	Pre-Charged Refrigerant in g	500	450	550	550	1020	
	Standard Refrigerant Pre-Charged in m	10	10	10	10	15	
Additional Charge in gim	20	20	20	20	20		

NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.

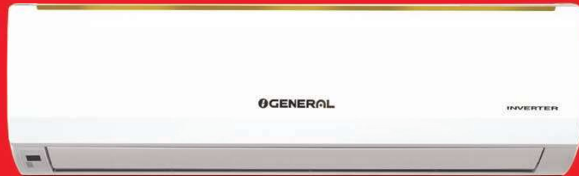
# Information is subject to change without prior notice.  
\*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.  
\*2: Limit voltage drop to less than 2%. If voltage drop is 2% or more, increase cable conductor size.



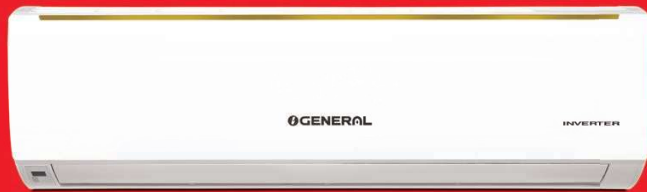
# TROPICAL INVERTER



ASGA12CLWA-B



ASGA18CLWA-B



ASGA22CLWA-B

## CLW Series

Star Rating:



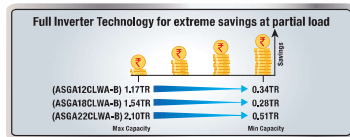
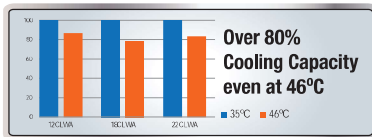
Model Number: ASGA12CLWA-B

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	3
Tonnage (Min-Max Cooling Capacity)	TR	1.0 (0.34-1.17)	1.5 (0.28-1.54)	1.8 (0.51-2.10)
Power Supply	Ph-Hz-V	1φ-50-230		
Running Current	A	5.2	7.3	8.5
Standard Cooling at 100% Capacity (Min-Max)	W	3,550 (1200-4100)	5,100 (1000-5400)	6,450 (1800-7400)
Standard Cooling at 50% Capacity	W	1,710	2,550	3,250
Power Consumption at 100% Capacity (Min-Max)	W	1,140 (280-1500)	1,680 (280-1800)	1,920 (450-2350)
Power Consumption at 50% Capacity	W	397	575	730
EER at 100% Capacity	W/W	3.11	3.04	3.26
EER at 50% Capacity	W/W	4.31	4.43	4.45
Rated ISEER	kWh/kWh	3.99	3.89	4.19
Electricity Consumption per Annum	kWh	689	989	1191
Moisture Removal	l/h	1.6	1.8	2.0
Indoor Fan Speed Control Levels	-	4	4	4
Indoor Airflow - Volume-Powerful	m <sup>3</sup> /h	550	850	1250
Indoor Airflow Distance	m	10	15	15
Indoor Unit Dimensions HxWxD	mm	275X790X200	300X970X224	325X1,078X246
Indoor Unit Net Weight	kg	9.0	13.5	17.0
Outdoor Unit Dimensions HxWxD	mm	555X732X330	555X732X330	555X873X376
Outdoor Unit Net Weight	kg	23.0	24.0	33.5
Indoor Noise Level-Low	dB(A)	26	33	37
Connection Pipe (Gas / Liquid)	mm	9.52 / 6.35	12.70 / 6.35	15.88 / 6.35
Pipe Length Min-Max (Precharged)	m	3-20 (5)	3-25 (5)	3-25 (5)
Max Height Difference	m	10	10	10
Ambient Operating Temperature Range	°C	18°C - 50°C	18°C - 50°C	18°C - 50°C
Operating Voltage Range	V	185V - 264V	185V - 264V	185V - 264V
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Tropical Rotary	Tropical Rotary	Tropical Twin Rotary
Evaporator & Condenser Coil Material	-	Copper	Copper	Copper

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

## INSTALLATION CHECK POINTS\*

Unit Capacity	Model No.	1.0-Ton	1.5-Ton	1.8-Ton
		ASGA12CLWA-B	ASGA18CLWA-B	ASGA22CLWA-B
Check for Main Power Supply	Main Power Supply at	Indoor Unit		
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase		
	Proper Earthing	Mandatory		
	Main Power N & E	± 3 Volts		
ODU to IDU Wiring	Resistance (To be measured with ground test meter)	~25 Ohms		
	Maximum Operating Current in A *1	7	7.3	10.5
	Starting Current in A	5.2	7.3	8.5
	Connection Cord ODU to IDU in mm <sup>2</sup>	1.5	1.5	1.5
	No. of Cores - ODU to IDU	4	4	4
	Power Cable in mm <sup>2</sup>	1.5	1.5	1.5
	No of Cores - Power Supply	3	3	3
	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



**Over 80% Cooling Capacity even at 49°C**

**Anti-Corrosion Copper Heat Exchanger**

**Full Inverter Technology for extreme savings at partial load**



Wireless Remote



Wired Remote for Group Controller (Optional)

## TECHNICAL SPECIFICATIONS

PARAMETERS		IDU Model Number	ASGG18KJTA-B	ASGG24KJTA-B	ASGG30KJTA-B
		ODU Model Number	AOGG18KJTA-B	AOGG24KJTA-B	AOGG30KJTA-B
BEE Star Rating	Cooling	-	5	4	4
Tonnage (Min-Max Capacity)	Cooling	TR	1.5 (0.28-1.65)	2.0 (0.50-2.20)	2.3 (0.82-2.57)
	Heating		1.5 (0.28-1.65)	2.0 (0.50-2.42)	2.5 (0.88-2.80)
Power Supply		Ph-Hz-V	110-230		
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)	8,600 (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	3.88	3.79
	Cooling		5.11	4.52	4.40
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		1100	1160	1630
	Heating	m <sup>3</sup> /h	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-Outlet	Cooling		29	29	32
	Heating	dB(A)	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		18°C - 55°C	18°C - 55°C	18°C - 55°C
	Heating	°C	-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	8.8	11.2
	Connection Cord ODU to IDU in mm <sup>2</sup>	1.5	1.5	1.5
	No. of Cores - ODU to IDU	4	4	4
	Power Cable in mm <sup>2</sup>	1.5	1.5	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.

# TROPICAL INNOVATION SPLIT



## FUT Series

Star Rating:



Model Number: ASGA18FUTD-B

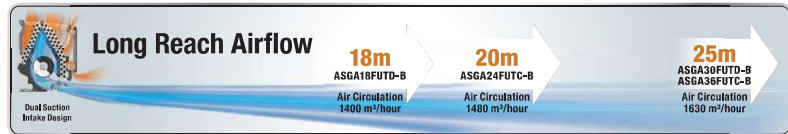
ASGA24FUTC-B

ASGA30FUTD-B

ASGA36FUTC-B



Wireless Remote



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

## TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGA18FUTD-B	ASGA24FUTC-B	ASGA30FUTD-B	ASGA36FUTC-B
	ODU Model Number	AOGA18FUTDHB	AOGA24FUTCBB	AOGA30FUTDSB	AOGA36FUTCBB
BEE Star Rating	-	2	2	2	2
Tonnage	TR	1.5	2.0	2.5	3.0
Power Supply	Ph-Hz-V	1φ-50-230			
Running Current	A	6.9	9.3	10.4	14.4
Standard Cooling at 100% Capacity	W	5,470	7,250	8,180	10,580
Power Consumption at 100% Capacity	W	1,560	2,070	2,340	3,140
Rated ISEER	kWh/kWh	3.51	3.50	3.50	3.37
Electricity Consumption per Annum	kWh	1208	1602	1811	NA
Moisture Removal	l/h	1.0	2.0	2.5	4.5
Indoor Fan Speed Control Levels	-	6	6	6	6
Indoor Airflow Volume-Powerful	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				
ODU to IDU Wiring	Resistance (To be measured with ground test meter) <25 Ohms				
	Maximum Operating Current in A <sup>1</sup>	10	14	17	24
	Starting Current in A	42	55	60	114
	Connection Cord ODU to IDU in mm <sup>2</sup>	1.5—2.5	1.5—2.5	1.5—2.5	1.5—2.5
	No. of Cores - ODU to IDU	4	4	4	4
	Power Cable in mm <sup>2</sup>	2.5—3.5	2.5—3.5	3.5—4.0	3.5—4.0
Piping Size & Thickness	No of Cores - Power Supply 3 3 3 3				
	Connection cable limited wiring length in m <sup>2</sup> 21 21 31 51				
	Circuit Breaker Current in A 20 20 30 30				
	Type of Gas R410A R410A R410A R410A				
Pipe Limitation & Additional Refrigerant Charge	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				
	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:   
 Model Number: ASGA12BMWB-B ASGA18BMWA-B ASGA24BMWA-B



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	m <sup>3</sup> /h	850	1250	1,400
Indoor Airflow Distance	m	10	15	15
Indoor Unit Dimensions HxWxD	mm	300x970x224	325x1079x246	325x1078x246
Indoor Unit Net Weight	kg	13.5	15.5	16.0
Outdoor Unit Dimensions HxWxD	mm	596x848x320	596x899x378	790x1003x427
Outdoor Unit Net Weight	kg	32.5	42.0	59.0
Indoor Noise Level-Quiet	dB(A)	33	34	37
Connection Pipe (Gas / Liquid)	mm	12.70 / 6.35	12.70 / 6.35	15.88 / 6.35
Pipe Length Min-Max (Precharged)	m	3-20 (5)	3-25 (5)	3-25 (5)
Max Height Difference	m	10	10	10
Ambient Operating Temperature Range	°C	18°C - 50°C	18°C - 50°C	18°C - 50°C
Operating Voltage Range	V	193V - 253V	193V - 253V	193V - 253V
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Tropical Rotary	Tropical Rotary	Tropical Rotary
Evaporator & Condenser Coil Material	-	Copper	Copper	Copper

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

## INSTALLATION CHECK POINTS

Unit Capacity	1.1-Ton	1.5-Ton	2.1-Ton	
Model No.	ASGA12BMWB-B	ASGA18BMWA-B	ASGA24BMWA-B	
Check for Main Power Supply	Main Power Supply at			
	Main Power Source P & N			
	230 Volts/50Hz/1 Phase			
	Proper Earthing			
ODU to IDU Wiring	Main Power N & E			
	Mandatory			
	± 3 Volts			
	Resistance (To be measured with ground test meter)			
Piping Size & Thickness	<25 Ohms			
	Maximum Operating Current in A <sup>1</sup>	8	12	14
	Starting Current in A	NA	NA	NA
	Connection Cord ODU to IDU in mm <sup>2</sup>	1.5—2.5	1.5—2.5	2.5—3.5
	No. of Cores - ODU to IDU	3	3	3
	Power Cable in mm <sup>2</sup>	2.5—3.5	2.5—3.5	2.5—3.5
	No of Cores - Power Supply	3	3	3
Pipe Limitation & Additional Refrigerant Charge	Connection cable limited wiring length in m <sup>2</sup>	NA	NA	NA
	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 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.

# Information is subject to change without prior notice.  
<sup>1</sup>: Maximum operating current is the total current of the indoor unit and the outdoor unit.  
<sup>2</sup>: 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



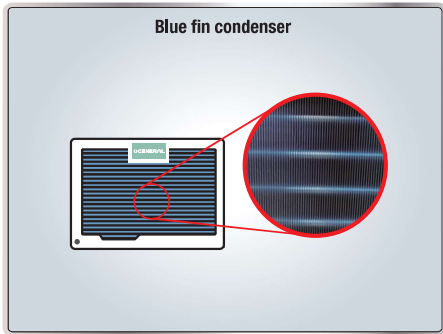
Model Number: AFGB12BAWA-B



Model Number: AXGB18BAWA-B



Model Number: AXGB24BAWA-B

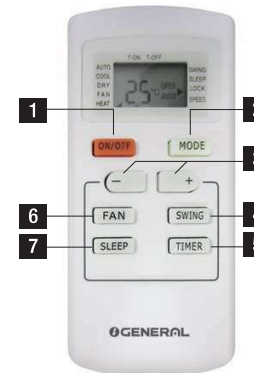


## TECHNICAL SPECIFICATIONS

PARAMETERS	Model Number	AMGB09BAWA-B	AFGB12BAWA-B	AXGB18BAWA-B	AXGB24BAWA-B
BEE Star Rating	-	4	4	4	3
Tonnage	TR	0,8	1,1	1,5	1,7
Power Supply	Ph-Hz-V	1φ-50-230	1φ-50-230	1φ-50-230	1φ-50-230
Running Current	A	3,7	5,3	7	8,3
Standard Cooling at 100% Capacity	W	2,820	3,960	5,300	6,050
Power Consumption at 100% Capacity	W	840	1,197	1,600	1,905
Rated ISEER	kWh/kWh	3,36	3,31	3,31	3,18
Electricity Consumption per Annum	kWh	650	927	1239	1475
Moisture Removal	l/h	1,0	1,5	2,2	2,2
Indoor Airflow Volume-High	m <sup>3</sup> /h	480	640	780	860
Unit Dimensions HxWxD	mm	375x560x668	428x660x700	428x660x770	428x660x770
Unit Net Weight	kg	38,5	48,0	58,0	61,0
Indoor Noise Level-Low	dB(A)	47	46	51	51
Ambient Operating Temperature Range	°C	18°C - 50°C	18°C - 50°C	18°C - 50°C	18°C - 50°C
Operating Voltage Range	V	193V - 253V	193V - 253V	193V - 253V	193V - 253V
Refrigerant Type	Non-CFC	R32	R32	R32	R32
Compressor Type	-	Tropical Rotary	Tropical Rotary	Tropical Rotary	Tropical Rotary
Condenser Coil Material	-	Copper	Copper	Copper	Copper

\*Specifications, design and features are subject to change without prior notice for further development. The above models conform to energy labelling as per BEE regulation. Specifications are based on the following conditions. Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. Pipe length : 5,0 m. Voltage : 230 [V]. The noise level is the value when measured in an anechoic room.

## 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.

FEATURES	INVERTER SPLIT - COOLING						
	ASGG18CETA-B	ASGG24CETA-B	ASGG30CETA-B	ASGG36CETA-B	ASGG12CGTB-B	ASGG18CGTB-B	ASGG24CGTB-B
UP / DOWN LOUVERS	o	o	o	o	o	o	o
LEFT / RIGHT SWING LOUVERS	o	o	o	o	-	o	o
DOUBLE SWING AUTOMATIC -3D	o	o	o	o	-	o	o
POWER AIRFLOW DUAL LOUVERS	o	o	o	o	SINGLE	SINGLE	SINGLE
WIDE ANGLE LOUVERS	o	o	o	o	o	o	o
AUTOMATIC AIRFLOW ADJUSTMENT	o	o	o	o	o	o	o
QUIET OPERATION	o	o	o	o	o	o	o
DRY FUNCTION	o	o	o	o	o	o	o
AUTO - MOISTURE PREVENTION	o	o	o	o	o	o	o
ENERGY SAVING MODE	-	-	-	-	o	o	o
ADVANCED FREQUENCY MODULATION	o	o	o	o	o	o	o
COANDA AIRFLOW	o 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
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
CORROSION RESISTANT ODU	o	o	o	o	o	o	o
ANTI-CORROSION HEAT EXCHANGER IN IDU	o	o	o	o	o	o	o
POWDER COATED OUTDOOR UNIT	o	o	o	o	o	o	o
SILICON COATED PCB	o	o	o	o	o	o	o
HIGH VOLTAGE PROTECTION	o	o	-	-	o	o	o
BLUE FIN CONDENSER	o	o	o	o	o	o	o
CONDENSER PROTECTION GRILL	o	o	o	o	o	o	o
BLDC MOTOR INDOOR UNIT	o	o	o	o	o	o	o
INNER GROOVE COPPER TUBE	o	o	o	o	o	o	o
DUAL SUCTION INTAKE DESIGN	o	o	o	o	-	-	-
SELF DIAGNOSIS	o	o	o	o	o	o	o

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

FEATURES	INVERTER SPLIT - HOT & COLD		
	ASGG18KJTA-B	ASGG24KJTA-B	ASGG30KJTA-B
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
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
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
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 COPPERTUBE	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	ASGA12BMW-B	ASGA18MWA-B	ASGA24MWA-B
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
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 (Optional)	o (Optional)	o (Optional)	o (Optional)	-	-	-
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
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*	-	-	-