

# New Wall Mounted Inverter Tropical Innovation Series



ASGG18CETA-B / AOGG18CETA-B  
ASGG24CETA-B / AOGG24CETA-B  
ASGG30CETA-B / AOGG30CETA-B  
ASGG36CETA-B / AOGG36CETA-B



ASGG18CETA-B

ASGG24CETA-B

ASGG30CETA-B

ASGG36CETA-B

### High Temperature Operation at 55° C

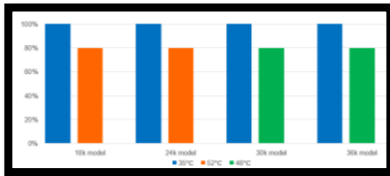
The operation is secured at high ambient temperature.

#### 35°C IDU Temp



### Powerful Cooling -

80% Cooling Capacity Even at 52°C (18/24k models)

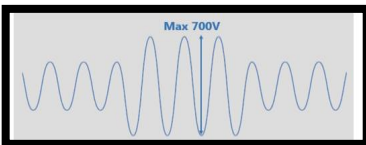


### Anti-corrosion Technology

Indoor unit anti-corrosion coating prevents refrigerant leak by coating the heat exchanger pipe with an epoxy resin.

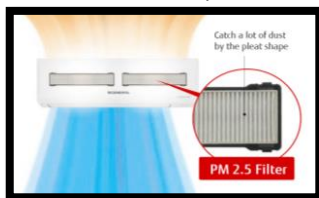


### Withstands Surge Voltage at 700V (18/24k)



### PM 2.5 Filter

Cleans the air firmly to catch the particles of 0.3 ~ 2.5 μm.



### 25m Long Reach Airflow (30k/36k models)

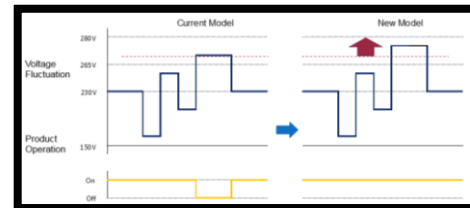
The cold air discharged is directed upward by the special designed large power diffuser, which achieves the Coanda airflow along the ceiling, producing long reach airflow of 25m\*.



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

The upper limit of the operating voltage range is further increased to match the Indian power situation with large voltage fluctuations (265V→280V).

Additionally, high voltage operation mode is added to 18/24kBTU CETA models to prevent the PCB from breakdown.



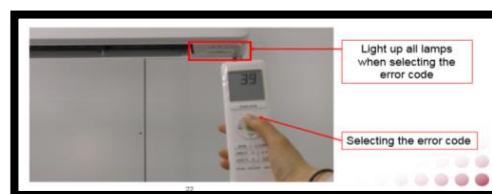
### Blue Fin Condenser

Improved corrosion resistance and longer life of heat exchanger by blue fin treatment of the ODU heat exchanger



### Self Diagnosis -

When an error is detected, the error code number can be checked using the remote controller display.





Wireless RC

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



AOGG18CETA-B



AOGG24CETA-B



AOGG30CETA-B / AOGG36CETA-B

## Specifications

PARAMETERS	IDU Model No.	ASGG18CETA-B	ASGG24CETA-B	ASGG30CETA-B	ASGG36CETA-B
	ODU Model No.	AOGG18CETA-B	AOGG24CETA-B	AOGG30CETA-B	AOGG36CETA-B
BEE Star Rating	-	5	5	5	-
Tonnage	TR	1.5	2.0	2.5	3.0
Power Supply	Ph-Hz-V	1φ-50-230	1φ-50-230	1φ-50-230	1φ-50-230
Running Current	A	6.0	8.1	11.0	15.3
Standard Cooling at 100% Capacity (Min~Max Operating Range)	W	5,280 (1320~5810)	7,040 (1760~7740)	8,800 (3080~9680)	10,560 (3700~10560)
	BTU/h	18,000 (4500~19800)	24,000 (6000~26400)	30,000 (10500~33000)	36,000 (12600~36000)
Standard Cooling at 50% Capacity	W	2,640	3,520	4,400	5,280
	BTU/h	9,000	12,000	15,000	18,000
Power Consumption at 100% Capacity (Min~Max Power Consumption)	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
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	m <sup>3</sup> /h	1400	1480	1630	1630
Max 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
Condenser Type	-	Copper	Copper	Copper	Copper
No. of Condenser Coil Rows	-	2	3	2	2
Compressor Insulation Jacket	Yes/No	Yes	Yes	Yes	Yes
Condenser Protection Grill	Yes/No	Yes	Yes	Yes	Yes
Corrosion Resistant Body	Yes/No	Yes	Yes	Yes	Yes
Connection Pipe (Gas, Liquid)	mm	12.70/6.35	12.70/6.35	15.88/9.52	15.88/9.52
	inch	1/2, 1/4	1/2, 1/4	5/8, 3/8	5/8, 3/8
Pipe Length Min~Max (Precharged)	m	5~20 (15)	5~30 (15)	5~50 (20)	5~50 (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
Precharged Refrigerant	g	1000	1400	1700	1700
Additional Refrigerant per Metre	g/m	20	20	40	40
Blue Fin Condenser	Yes/No	Yes	Yes	Yes	Yes
Evaporator Coil Protection Coating	Yes/No	Yes	Yes	Yes	Yes
PCB Protection Coating	Yes/No	Yes	Yes	Yes	Yes
Refrigerant Type	-	R32	R32	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Twin Rotary	Hyper Tropical Twin Rotary	Hyper Tropical Twin Rotary

\* - Feature and Specifications are tentative and subject to change without prior notice.

# New Wall Mounted Inverter Efficient & Tropical Series



ASGG12CGTB-B / AOGG12CGTB-B

ASGG12CGTB-B / AOGG18CGTB-B

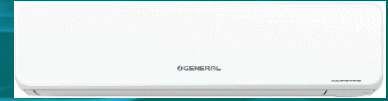
ASGG24CGTB-B / AOGG24CGTB-B



ASGG12CGTB-B



ASGG18CGTB-B

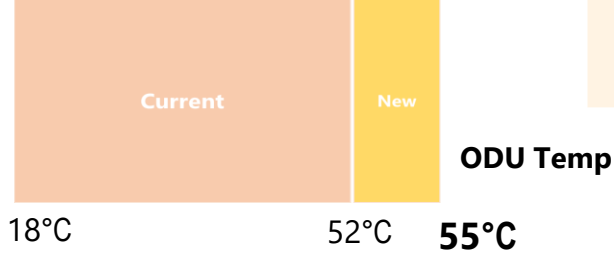


ASGG24CGTB-B

### High Temperature Operation at 55° C

The operation is secured at high ambient temperature.

### 35°C IDU Temp

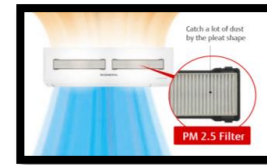


### Energy Saving by Human Sensor

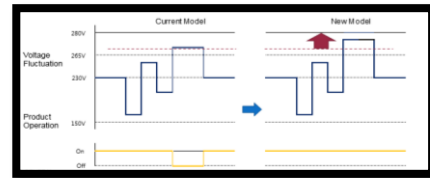


### PM 2.5 Filter

Cleans the air firmly to catch particles of 0.3 ~ 2.5 μm.

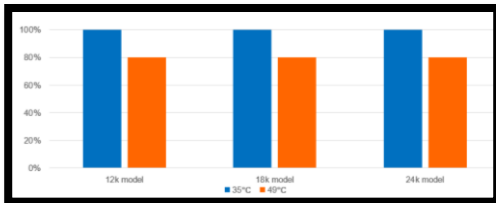


**Wide Voltage Range (155V~280V)** (18/24k models) - The upper limit of the operating voltage range is further increased to match the Indian power situation with large voltage fluctuations (265V→280V).



### Powerful Cooling -

80% Cooling Capacity Even at 49°C



### Blue Fin Condenser

Improved corrosion resistance and longer life of heat exchanger by blue fin treatment of the ODU heat exchanger



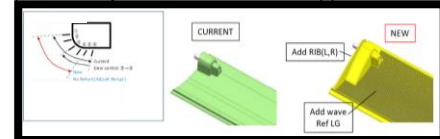
### Anti-corrosion Technology

Indoor unit anti-corrosion coating prevents refrigerant leak by coating the heat exchanger pipe with an epoxy resin.

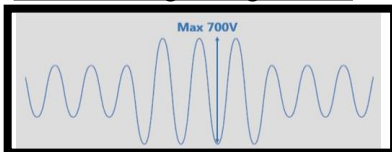


### Comfortability - Airflow Range While Cooling Operation

The indoor unit flap design is optimized to have less possibility of dew condensation on the flap, which enable to widen the air flow range up to no.4-5 with no flap return adjustment and create a ripple effect in the airflow.

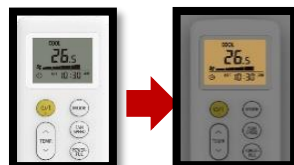


### Withstands Surge Voltage at 700V



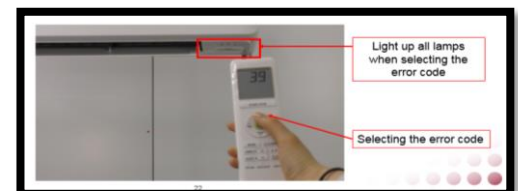
### New Remote Controller

- New Slim Design
- Backlight System



### Self Diagnosis -

When an error is detected, the error code number can be checked using the remote controller display.





AOGG12CGTB-B



AOGG12CGTB-B



AOGG18CGTB-B  
 AOGG24CGTB-B



AOGG18CGTB-B  
 AOGG24CGTB-B



AOGG12CGTB-B



AOGG18CGTB-B



AOGG24CGTB-B

## Specifications

PARAMETERS	IDU Model No.	ASGG12CGTB-B	ASGG18CGTB-B	ASGG24CGTB-B
	ODU Model No.	AOGG12CGTB-B	AOGG18CGTB-B	AOGG24CGTB-B
BEE Star Rating	-	5	5	5
Tonnage	TR	1.0	1.5	2.0
Power Supply	Ph-Hz-V	1φ-50-230	1φ-50-230	1φ-50-230
Running Current	A	4.8	6.5	8.5
Standard Cooling at 100% Capacity (Min~Max Operating Range)	W	3,520 (880~3870)	5,280 (1320~5810)	7,040 (1760~7740)
	BTU/h	12,000 (3000~13200)	18,000 (4500~19800)	24,000 (6000~26400)
Standard Cooling at 50% Capacity	W	1,760	2,640	3,520
	BTU/h	6,000	9,000	12,000
Power Consumption at 100% Capacity (Min~Max Power Consumption)	W	970 (140~1090)	1,390 (150~1570)	1,935 (340~2350)
Power Consumption at 50% Capacity	W	295	450	610
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	m <sup>3</sup> /h	700	1010	1160
Max 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
Condenser Type	-	Copper	Copper	Copper
No. of Condenser Coil Rows	-	2	2	3
Compressor Insulation Jacket	Yes/No	Yes	Yes	Yes
Condenser Protection Grill	Yes/No	Yes	Yes	Yes
Corrosion Resistant Body	Yes/No	Yes	Yes	Yes
Connection Pipe (Gas, Liquid)	mm	9.52/6.35	12.70/6.35	12.70/6.35
	inch	3/8, 1/4	1/2, 1/4	1/2, 1/4
Pipe Length Min~Max (Precharged)	m	5~20 (15)	5~20 (15)	5~30 (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
Precharged Refrigerant	g	750	1000	1400
Additional Refrigerant per Metre	g/m	20	20	20
Blue Fin Condenser	Yes/No	Yes	Yes	Yes
Evaporator Coil Protection Coating	Yes/No	Yes	Yes	Yes
PCB Protection Coating	Yes/No	Yes	Yes	Yes
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper Tropical Twin Rotary

\* - Feature and Specifications are tentative and subject to change without prior notice.



# New Wall Mounted Inverter Efficient & Tropical Series

ASGG12CPTB-B / AOGG12CPTB-B

ASGG18CPTB-B / AOGG18CPTB-B

ASGG24CPTB-B / AOGG24CPTB-B



\*\*12k/18k models



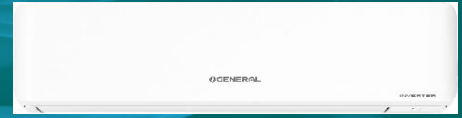
\*\*24k model



ASGG12CPTB-B



ASGG18CPTB-B

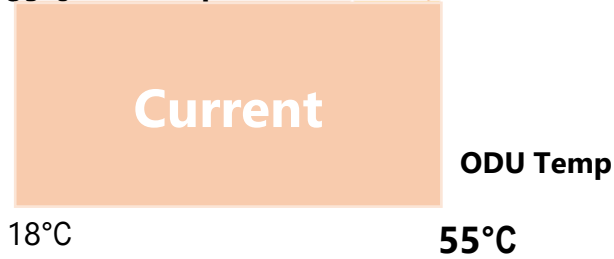


ASGG24CPTB-B

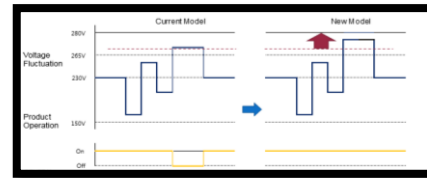
## High Temperature Operation at 55° C

The operation is secured at high ambient temperature.

35°C IDU Temp

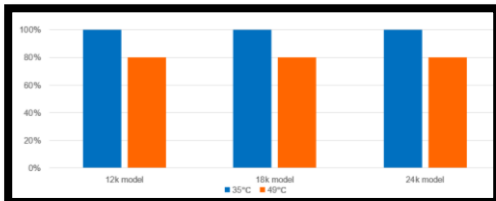


**Wide Voltage Range (155V~280V)** (18/24k models) - The upper limit of the operating voltage range is further increased to match the Indian power situation with large voltage fluctuations (265V→280V).



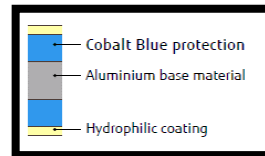
## Powerful Cooling -

80% Cooling Capacity Even at 46°C



## Blue Fin Condenser

Improved corrosion resistance and longer life of heat exchanger by blue fin treatment of the ODU heat exchanger



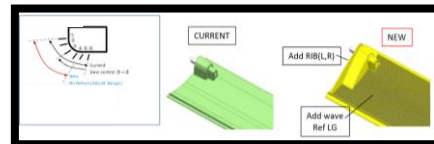
## Anti-corrosion Technology

Indoor unit anti-corrosion coating prevents refrigerant leak by coating the heat exchanger pipe with an epoxy resin.

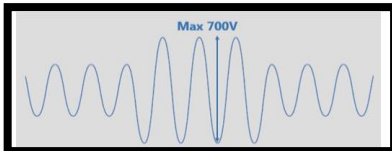


## Comfortability - Airflow Range While Cooling Operation

The indoor unit flap design is optimized to have less possibility of dew condensation on the flap, which enable to widen the air flow range up to no.4-5 with no flap return adjustment and create a ripple effect in the airflow.



## Withstands Surge Voltage at 700V



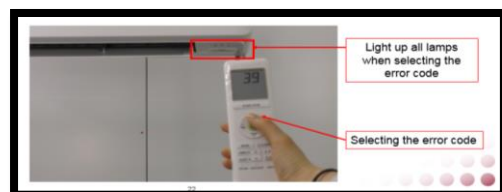
## New Remote Controller

- New Slim Design



## Self Diagnosis -

When an error is detected, the error code number can be checked using the remote controller display.





ASGG12CPTB-B  
 ASGG18CPTB-B



ASGG12CPTB-B



ASGG18CPTB-B



ASGG24CPTB-B



ASGG24CPTB-B



AOGG12CPTB-B  
 AOGG18CPTB-B



AOGG24CPTB-B

## 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	1.5	2.0
Power Supply	Ph-Hz-V	1φ-50-230	1φ-50-230	1φ-50-230
Running Current	A	5.7	8.5	10.6
Standard Cooling at 100% Capacity (Min~Max Operating Range)	W	3,520 (880~3700)	5,280 (1320~5540)	7,040 (1760~7040)
	BTU/h	12,000 (3000~12600)	18,000 (4500~18900)	24,000 (6000~24000)
Standard Cooling at 50% Capacity	W	1,760	2,640	3,520
	BTU/h	6,000	9,000	12,000
Power Consumption at 100% Capacity (Min~Max Power Consumption)	W	1,220 (210~1230)	1,880 (270~1960)	2,390 (190~2390)
Power Consumption at 50% Capacity	W	400	600	690
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	m <sup>3</sup> /h	700	940	1170
Max 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
Condenser Type	-	Copper	Copper	Copper
No. of Condenser Coil Rows	-	1	2	2
Compressor Insulation Jacket	Yes/No	Yes	Yes	Yes
Condenser Protection Grill	Yes/No	Yes	Yes	Yes
Corrosion Resistant Body	Yes/No	Yes	Yes	Yes
Connection Pipe (Gas, Liquid)	mm	9.52/6.35	12.70/6.35	12.70/6.35
	inch	3/8, 1/4	1/2, 1/4	1/2, 1/4
Pipe Length Min~Max (Precharged)	m	5~20 (10)	5~20 (10)	5~25 (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
Precharged Refrigerant	g	500	550	1020
Additional Refrigerant per Metre	g/m	20	20	20
Blue Fin Condenser	Yes/No	Yes	Yes	Yes
Evaporator Coil Protection Coating	Yes/No	Yes	Yes	Yes
PCB Protection Coating	Yes/No	Yes	Yes	Yes
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper Tropical Twin Rotary

\* - Feature and Specifications are tentative and subject to change without prior notice.

## New Wall Mounted Fixed Speed Tropical Split



ASGA12BMWB-B / AOGA12BMWB-B  
ASGA18BMWA-B / AOGA18BMWA-B  
ASGA24BMWA-B / AOGA24BMWA-B



ASGA12BMWB-B



ASGA18BMWA-B

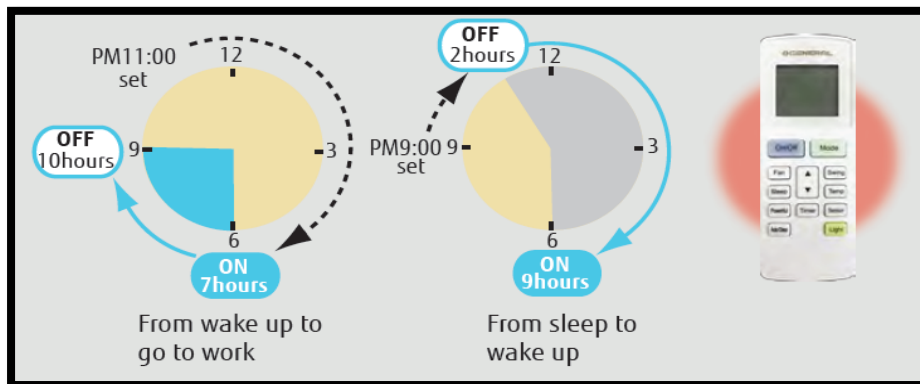


ASGA24BMWA-B

### Customer Comfort

More Convenient Timer - You can set an integrated ON-OFF or OFF-ON timer suitable for your life style.

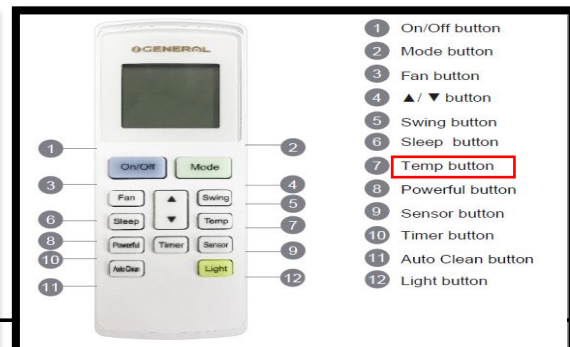
(Setting time: Adjust timer setting 1 minute a time, e.g.18:30, 31, 32...)

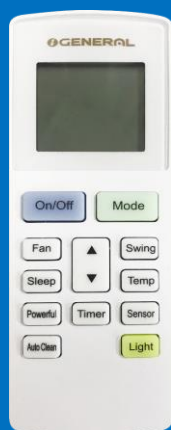


### Maximum Comfort with Sensor Function

The built-in sensor inside 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 controller and the unit will automatically adjust the indoor temperature according to the detected temperature.

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





Wireless RC



ASGA12BMWB-B



ASGA18BMWA-B  
 ASGA24BMWA-B



AOGA12BMWB-B



AOGA18BMWA-B



AOGA24BMWA-B

## 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	1φ-50-230	1φ-50-230
Running Current	A	4.5	6.2	8.5
Standard Cooling at 100% Capacity	W	4,000	5,300	7,350
	BTU/h	13,600	18,000	25,000
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
Max 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
Condenser Type	-	Copper	Copper	Copper
No. of Condenser Coil Rows	-	2	2	2
Compressor Insulation Jacket	Yes/No	Yes	Yes	Yes
Condenser Protection Grill	Yes/No	Yes	Yes	Yes
Corrosion Resistant Body	Yes/No	Yes	Yes	Yes
Connection Pipe (Gas, Liquid)	mm	6.35/12.70	6.35/12.70	15.88/6.35
	inch	1/2, 1/4	1/2, 1/4	5/8, 1/4
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
Precharged Refrigerant	g	780	950	1350
Additional Refrigerant per Metre	g/m	12	12	12
Blue Fin Condenser	Yes/No	Yes	Yes	Yes
Evaporator Coil Protection Coating	Yes/No	Yes	Yes	Yes
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Rotary	Rotary	Rotary

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## New Fixed Speed Tropical Window



AMGB09BAWA-B  
AFGB12BAWA-B  
AXGB18BAWA-B  
AXGB24BAWA-B

\*\*9k/12k/18k  
models

\*\*24k  
model



AMGB09BAWA-B



AFGB12BAWA-B



AXGB18BAWA-B

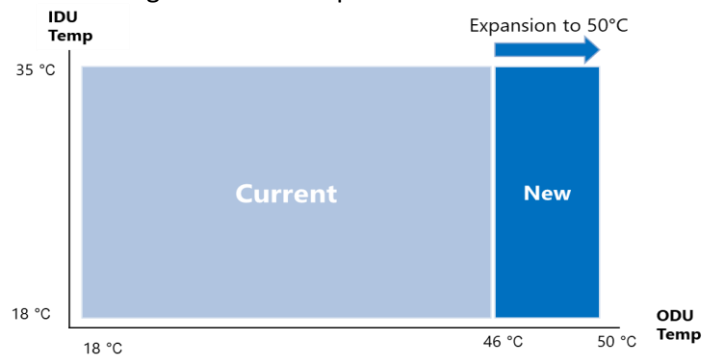


AXGB24BAWA-B

### High Performance

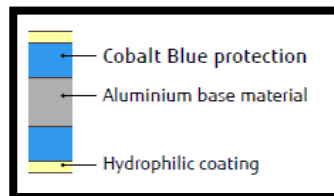
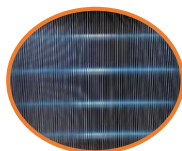
- Wide Operation Range

The operation is secured under the high ambient temperature.



### Blue Fin Condenser

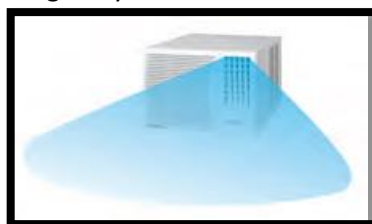
Improved corrosion resistance and longer life of heat exchanger by blue fin treatment of the heat exchanger. The blue coating on the aluminum fins provide improved anti-rust performance.



### Customer Comfort

#### Wide Airflow

- The louver automatically swings to left and right.
- The 100°~140° wide airflow gives you a comfortable and satisfactory environment.



#### Catechin Filter

The catechin filter filtrates pollen and dust particles to keep the fresh air.





Wireless RC



AMGB09BAWA-B



AFGB12BAWA-B



AXGB18BAWA-B / AXGB24BAWA-B

## 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
	BTU/h	9,600	13,500	18,000	20,600
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 Fan Speed Control levels	-	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
Condenser Type	-	Copper	Copper	Copper	Copper
No. of Condenser Coil Rows	-	2	2	3	3
Fan Diameter	mm	353	391	396	396
Rear Cabinet Protection	Yes/No	Yes	Yes	Yes	Yes
Anti-corrosion treatment for Outer body and Heat Exchanger fins	Yes/No	Yes	Yes	Yes	Yes
Outdoor Air Circulation	m <sup>3</sup> /h	850	1200	1800	1800
Outdoor Noise Level	dB(A)	53	56	58	56
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
Precharged Refrigerant	g	410	550	700	820
Blue Fin Condenser	Yes/No	Yes	Yes	Yes	Yes
Refrigerant Type	Non-CFC	R32	R32	R32	R32
Compressor Type	-	Rotary	Rotary	Rotary	Rotary

\* - Feature and Specifications are tentative and subject to change without prior notice.