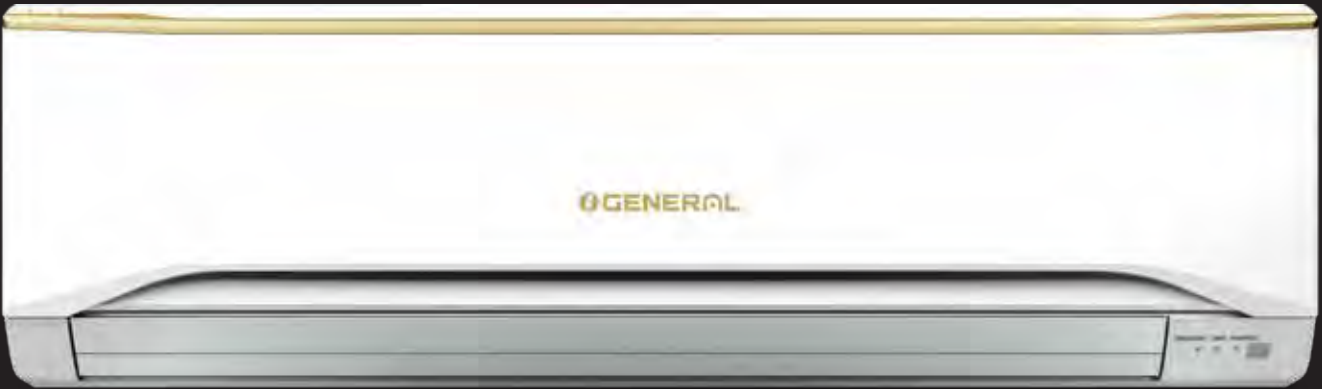


TROPICAL INNOVATION SPLIT



Scan for product video



BUT Series

Star Rating:



Model Number: ASGA18BUTA-B ASGA24BUTA-B ASGA30BUTA-B ASGA36BUTA-B (LCAC)



Wireless Remote

Long-reach Airflow

18m
ASGA18BUTA-B
Air Circulation
1400 m³/hour

20m
ASGA24BUTA-B
Air Circulation
1480 m³/hour

25m
ASGA30BUTA-B
ASGA36BUTA-B
Air Circulation
1630 m³/hour

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGA18BUTA-B	ASGA24BUTA-B	ASGA30BUTA-B	ASGA36BUTA-B
	ODU Model Number	AOGA18BUAAHB	AOGA24BUAAHB	AOGA30BUWA-B	AOGA36BUWA-B
BEE Star Rating	-	3	3	2	2
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	6.1	8.2	10.8	14.8
Standard Cooling at 100% Capacity	W	5,300	7,050	8,750	10,550
Power Consumption at 100% Capacity	W	1,360	1,850	2,375	3,246
Rated ISEER	kWh/kWh	3.90	3.81	3.68	3.25
Electricity Consumption per Annum	kWh	1053	1432	1839	2513
Moisture Removal	l/h	1.0	2.2	3.3	4.5
Indoor Fan Speed Control Levels	-	6	6	6	6
Indoor Airflow Volume-High/Powerful	m3/h	1140/1400	1230/1480	1630	1630
Indoor Airflow Distance	m	18	20	25	25
Indoor Unit Dimensions HxWxD	mm	340 x 1150 x 280	340 x 1150 x 280	340x1150x280	340x1150x280
Indoor Unit Net Weight	kg	16.0	17.0	17.0	17.0
Outdoor Unit Dimensions HxWxD	mm	594x810x301	752x910x330	971x1080x450	971x1080x450
Outdoor Unit Net Weight	kg	38.5	56.0	77.0	87.0
Indoor Noise Level-Quiet	dB(A)	35	38	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	3-15 (5)	3-15 (5)	3-30 (7)	3-50 (7)
Max Height Difference	m	10	10	15	30
Ambient Operating Temperature Range	°C	18°C ~ 52°C	18°C ~ 52°C	18°C ~ 52°C	18°C ~ 52°C
Operating Voltage Range	V	195V ~ 265V	195V ~ 265V	207V ~ 265V	207V ~ 265V
Refrigerant Type	Non-CFC	R32	R32	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper Tropical Rotary
Evaporator & Condenser Coil Material	-	Copper	Copper	Copper	Copper

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

INSTALLATION CHECK POINTS

Unit Capacity		1.5-Ton		2.0-Ton		2.5-Ton		3.0-Ton	
Model No.		ASGA18BUTA-B		ASGA24BUTA-B		ASGA30BUTA-B		ASGA36BUTA-B	
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT							
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase							
	Proper Earthing	Mandatory							
	Main Power N & E	± 3 Volts							
	Resistance (To be measured with ground test meter)	<25 Ohms							
ODU to IDU Wiring	Maximum Operating Current in A *1	9.2	13.1	13.1	24.0				
	Starting Current in A	5.8	7.9	NA	NA				
	Connection Cord ODU to IDU in mm ²	1.5	1.5	1.5—2.5	1.5—2.5				
	No. of Cores - ODU to IDU	4	4	4	4				
	Power Cable in mm ²	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	16	16	31	51				
	Circuit Breaker Current in A	20	20	30	30				
Piping Size & Thickness	Type of Gas	R32	R32	R32	R32				
	Copper Pipe Thickness in mm	0.8	0.8	1.0	1.0				
	Pipe size-Liquid in mm	Ø 6.35	Ø 6.35	Ø 9.52	Ø 9.52				
	Pipe size-Suction in mm	Ø 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	15	15	30	50				
	Maximum Height Difference in m	10	10	10	10				
	Pre-Charged Refrigerant in g	880	1,840	1,850	3500				
	Standard Refrigerant Pre-Charged in m	5.0	5.0	7	7				
	Additional Charge in g/m	15	20	20	20				
NEVER USE THE OLD INSTALLATION PIPE FOR NEW SYSTEM.									

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

*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						
		ASGG12CPAB-B	ASGG18CPAB-B	ASGG24CPAB-B	ASGG18CNAA-B	ASGG12CKAA-B	ASGG18CKAA-B	ASGG22CKAA-B
CONVENIENCE	 UP / DOWN LOUVERS	○	○	○	○	○	○	○
	 LEFT / RIGHT SWING LOUVERS	-	○	○	-	-	-	○
	 DOUBLE SWING AUTOMATIC -3D	-	○	○	-	-	-	○
	 POWER AIRFLOW DUAL LOUVERS	SINGLE	SINGLE	SINGLE	SINGLE	SINGLE	SINGLE	SINGLE
	 WIDE ANGLE LOUVERS	○	○	○	○	○	○	○
COMFORT	 AUTOMATIC AIRFLOW ADJUSTMENT	○	○	○	○	○	○	○
	 QUIET OPERATION	○	○	○	○	○	○	○
	 DRY FUNCTION	○	○	○	○	○	○	○
	 AUTO - MOISTURE PREVENTION	○	○	○	○	○	○	○
	 ENERGY SAVING MODE	○	○	○	○	○	○	○
	 ADVANCED FREQUENCY MODULATION	○	○	○	○	○	○	○
	 COANDA AIRFLOW	○ 10m	○ 15m	○ 15m	○ 15m	○ 10m	○ 15m	○ 15m
	 POWERFUL MODE	○	○	○	○	○	○	○
	 MILDEW RESISTANT FILTER	○	○	○	○	○	○	○
	 PM 2.5 FILTER	○ (Optional)	○ (Optional)	○ (Optional)	○ (Optional)	○ (Optional)	○ (Optional)	○ (Optional)
LONG LIFE	 COMPRESSOR INSULATION JACKET	○	○	○	○	○	○	○
	 FAN SPEED CONTROL LEVELS	5	5	5	5	5	5	5
	 WASHABLE PANEL	○	○	○	○	○	○	○
	 SLEEP TIMER	○	○	○	○	○	○	○
	 ECONOMY MODE	○	○	○	○	○	○	○
	 WIRELESS REMOTE CONTROLLER	○	○	○	○	○	○	○
	 GROUP CONTROL SYSTEM	○ (Optional)	○ (Optional)	○ (Optional)	○ (Optional)	○ (Optional)	○ (Optional)	○ (Optional)
	 0.50C PRECISE TEMPERATURE CONTROL	○	○	○	○	○	○	○
	 AUTO RESTART	○	○	○	○	○	○	○
	PERFORMANCE	 LONG PIPE	○	○	○	○	○	○
 PROGRAM TIMER		○	○	○	○	○	○	○
 CORROSION RESISTANT ODU		○	○	○	○	○	○	○
 ANTI-CORROSION HEAT EXCHANGER IN IDU		○	○	○	○	○	○	○
 POWDER COATED OUTDOOR UNIT		○	○	○	○	○	○	○
 CONFORMAL COATED PCB		○	○	○	○	○	○	○
 HIGH VOLTAGE PROTECTION		○	○	-	○	○	○	-
 BLUE FIN CONDENSER		○	○	○	○	○	○	○
 CONDENSER PROTECTION GRILL		○	○	○	○	○	○	○
 BLDC MOTOR INDOOR UNIT		○	○	○	○	○	○	○
 INNER GROOVE COPPER TUBE	○	○	○	○	○	○	○	
 SELF DIAGNOSIS	○	○	○	○	○	○	○	

FEATURES		FIXED SPEED - COOLING					
		ASGA18BUTA-B	ASGA24BUTA-B	ASGA30BUTA-B	ASGA36BUTA-B	ASGA14BMAA-B	ASGA18BMAA-B
 UP / DOWN LOUVERS	☐	☐	☐	☐	☐	☐	☐
 LEFT / RIGHT SWING LOUVERS	☐	☐	☐	☐	-	-	-
 DOUBLE SWING AUTOMATIC - 3D	☐	☐	☐	☐	-	-	-
 POWER AIRFLOW DUAL LOUVERS	☐	☐	☐	☐	SINGLE	SINGLE	SINGLE
 WIDE ANGLE LOUVERS	☐	☐	☐	☐	☐	☐	☐
 AUTOMATIC AIRFLOW ADJUSTMENT	☐	☐	☐	☐	☐	☐	☐
 QUIET OPERATION	☐	☐	☐	☐	-	-	-
 DRY FUNCTION	☐	☐	☐	☐	☐	☐	☐
 AUTO - MOISTURE PREVENTION	☐	☐	☐	☐	-	-	-
 COANDA AIRFLOW	☐ 18m	☐ 20m	☐ 25m	☐ 25m	☐ 10m	☐ 15m	☐ 15m
 POWERFUL MODE	☐	☐	☐	☐	☐	☐	☐
 MILDEW RESISTANT FILTER	☐	☐	☐	☐	-	-	-
 FAN SPEED CONTROL LEVELS	6	6	6	6	6	6	6
 WASHABLE PANEL	☐	☐	☐	☐	☐	☐	☐
 SLEEP TIMER	☐	☐	☐	☐	☐	☐	☐
 WIRELESS REMOTE CONTROLLER	☐	☐	☐	☐	☐	☐	☐
 BACKLIT REMOTE	-	-	-	-	☐	☐	☐
 TEMPERATURE DISPLAY	-	-	-	-	☐	☐	☐
 TEMPERATURE DISPLAY LIGHT ON/OFF	-	-	-	-	☐	☐	☐
 AUTO RESTART	☐	☐	☐	☐	☐	☐	☐
 LONG PIPE	☐	☐	☐	☐	☐	☐	☐
 PROGRAM TIMER	☐	☐	☐	☐	☐	☐	☐
 CORROSION RESISTANT ODU	☐	☐	☐	☐	☐	☐	☐
 POWDER COATED OUTDOOR UNIT	☐	☐	☐	☐	☐	☐	☐
 CONFORMAL COATED PCB	☐	☐	☐	☐	☐	☐	☐
 BLUE FIN CONDENSER	☐	☐	☐	☐	☐	☐	☐
 BLUE FIN EVAPORATOR	-	-	-	-	☐	☐	☐
 CONDENSER PROTECTION GRILL	☐	☐	☐	☐	☐	☐	☐
 BLDC MOTOR INDOOR UNIT	-	-	-	-	☐	☐	☐
 INNER GROOVE COPPER TUBE	☐	☐	☐	☐	☐	☐	☐
 DUAL SUCTION INTAKE DESIGN	☐	☐	☐	☐	-	-	-
 SELF DIAGNOSIS	☐ *	☐ *	☐ *	☐ *	☐	☐	☐

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