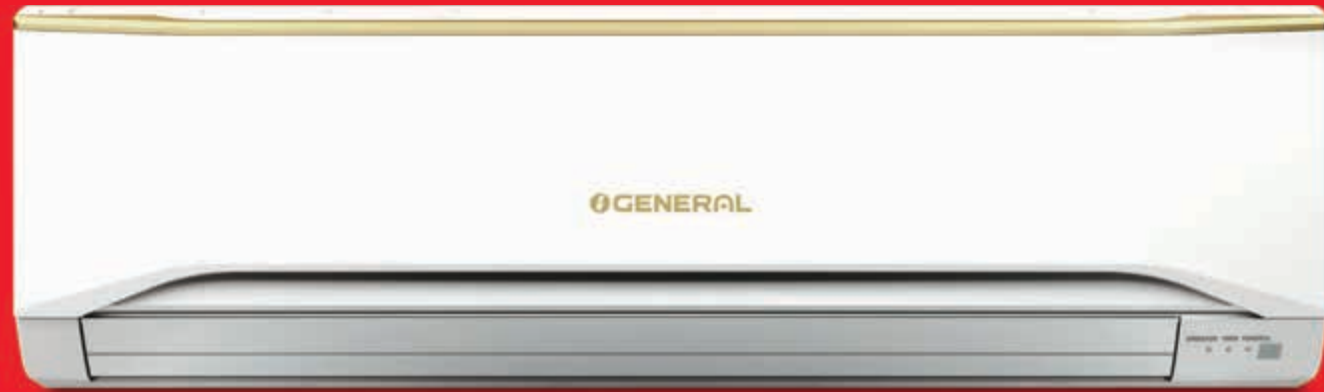


# TROPICAL INNOVATION SPLIT



## BUT/FUT Series

Star Rating:



Model Number: ASGA18BUTA-B

ASGA24BUTA-B

ASGA30FUTD-B

ASGA36FUTC-B



Wireless Remote

### Long-reach Airflow

**18m**  
ASGA18BUTA-B  
Air Circulation  
1400 m<sup>3</sup>/hour

**20m**  
ASGA24BUTA-B  
Air Circulation  
1480 m<sup>3</sup>/hour

**25m**  
ASGA30FUTD-B  
ASGA36FUTC-B  
Air Circulation  
1630 m<sup>3</sup>/hour

Dual Suction Intake Design

## TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGA18BUTA-B	ASGA24BUTA-B	ASGA30FUTD-B	ASGA36FUTC-B
	ODU Model Number	AOGA18BUAAHB	AOGA24BUAAHB	AOGA30FUTDSB	AOGA36FUTCSB
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	10.4	14.4
Standard Cooling at 100% Capacity	W	5,300	7,050	8,180	10,580
Power Consumption at 100% Capacity	W	1,360	1,850	2,340	3,140
Rated ISEER	kWh/kWh	3.90	3.81	3.50	3.37
Electricity Consumption per Annum	kWh	1053	1432	1811	2431
Moisture Removal	l/h	1.0	2.2	2.5	4.5
Indoor Fan Speed Control Levels	-	6	6	6	6
Indoor Airflow Volume-Powerful	m <sup>3</sup> /h	1400	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	914x970x370	1290x900x330
Outdoor Unit Net Weight	kg	38.5	56.0	77.0	104.0
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 (7.5)	3-50 (20)
Max Height Difference	m	10	10	15	30
Ambient Operating Temperature Range	°C	18°C ~ 52°C	18°C ~ 52°C	21°C ~ 52°C	21°C ~ 52°C
Operating Voltage Range	V	195V ~ 265V	195V ~ 265V	198V ~ 264V	198V ~ 264V
Refrigerant Type	Non-CFC	R32	R32	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 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	ASGA30FUTD-B	ASGA36FUTC-B	
Check for Main Power Supply	Main Power Supply at				
	Main Power Source P & N				
	Proper Earthing				
	Main Power N & E				
	Resistance (To be measured with ground test meter)				
ODU to IDU Wiring	OUTDOOR UNIT				
	230 Volts / 50Hz / 1 Phase				
	Mandatory				
	± 3 Volts				
	<25 Ohms				
	Maximum Operating Current in A <sup>1</sup>	9.2	13.1	17.0	24.0
	Starting Current in A	5.8	7.9	60.0	114.0
Connection Cord ODU to IDU in mm <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	21	21	31	51	
Circuit Breaker Current in A	20	20	30	30	
Piping Size & Thickness	Type of Gas	R32	R32	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	15	15	30	50
	Maximum Height Difference in m	10	10	15	30
	Pre-Charged Refrigerant in g	880	1840	2,450	3,500
	Standard Refrigerant Pre-Charged in m	5.0	5.0	7.5	20
Additional Charge in g/m	15	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 85 for specific modelwise features.

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						
		ASGA 18BUTA-B	ASGA 24BUTA-B	ASGA 30FUTD-B	ASGA 36FUTC-B	ASGA 14BMAA-B	ASGA 18BMAA-B	ASGA 24BMAA-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	-	-	-
	DRY FUNCTION	o	o	o	o	o	o	o
	AUTO - MOISTURE PREVENTION	o	o	o	o	-	-	-
	COANDA AIRFLOW	o 18m	o 20m	o 25m	o 25m	o 10m	o 15m	o 15m
CONVENIENCE	POWERFUL MODE	o	o	o	o	o	o	o
	MILDEW RESISTANT FILTER	o	o	o	o	-	-	-
	COMPRESSOR INSULATION JACKET	-	-	o	o	-	-	-
	FAN SPEED CONTROL LEVELS	6	6	6	6	6	6	6
	WASHABLE PANEL	o	o	o	o	o	o	o
	SLEEP TIMER	o	o	o	o	o	o	o
	WIRELESS REMOTE CONTROLLER	o	o	o	o	o	o	o
	WIRED REMOTE CONTROLLER	-	-	o (Optional)	o (Optional)	-	-	-
	BACKLIT REMOTE	-	-	-	-	o	o	o
	TEMPERATURE DISPLAY	-	-	-	-	o	o	o
LONG LIFE	TEMPERATURE DISPLAY ON / OFF	-	-	-	-	o	o	o
	COIL AUTO DRY FUNCTION	-	-	-	-	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
	CONFORMAL COATED PCB	o	o	-	-	o	o	o
	HIGH VOLTAGE PROTECTION	o	o	-	-	o	o	o
	BLUE FIN CONDENSER	o	o	o	o	o	o	o
PERFORMANCE	BLUE FIN EVAPORATOR	-	-	-	-	o	o	o
	CONDENSER PROTECTION GRILL	o	o	o	o	o	o	o
	BLDC MOTOR INDOOR UNIT	-	-	-	-	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	

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