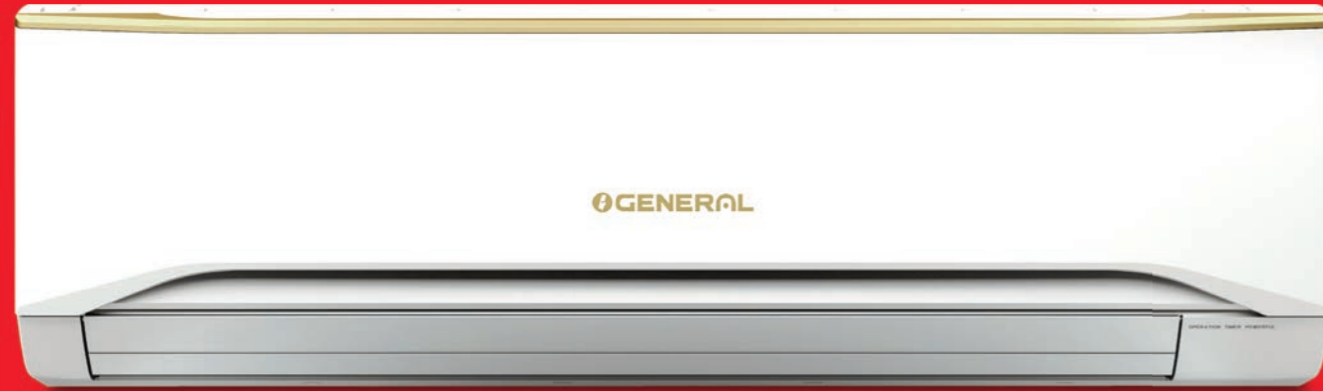


TROPICAL INNOVATION SPLIT



TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	ASGA18FUTD-B	ASGA24FUTC-B	ASGA30FUTD-B	ASGA36FUTC-B
	ODU Model Number	AOGA18FUTDHB	AOGA24FUTCHB	AOGA30FUTDSB	AOGA36FUTCSB
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	m ³ /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.

FUT Series

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

Wireless Remote

Long Reach Airflow

18m
ASGA18FUTD-B
Air Circulation
1400 m³/hour

20m
ASGA24FUTC-B
Air Circulation
1480 m³/hour

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

Dual Suction Intake Design

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				
	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 ¹	10	14	17	24
	Starting Current in A	42	55	60	114
Connection Cord ODU to IDU in mm ²	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 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	21	21	31	51	
Circuit Breaker Current in A	20	20	30	30	
Piping Size & Thickness	Type of Gas	R410A	R410A	R410A	
	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 size-Suction in mm	Ø 15.88	Ø 15.88	Ø 15.88	
Pipe Limitation & Additional Refrigerant Charge	Minimum Pipe Length in m	3	3	3	
	Maximum Pipe Length in m	20	20	30	
	Maximum Height Difference in m	8	8	15	
	Pre-Charged Refrigerant in g	1,200	1,600	2,450	
	Standard Refrigerant Pre-Charged in m	7.5	7.5	7.5	
	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.

*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.

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

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