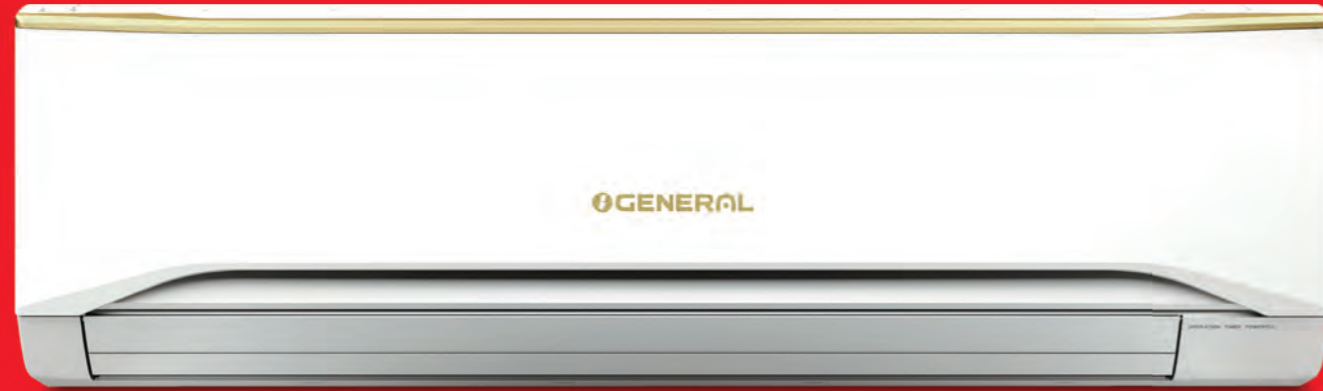


TROPICAL INNOVATION SPLIT



FUT Series

Star Rating: NA

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

Hyper Tropical Product Design

Coanda Airflow(30/36)

6 Speed Fan Control

Double Swing Automatic-3D Airflow

Blue Fin Condenser

Powerful Mode

Integrated ON - OFF Timer

Quiet Operation

Self Diagnosis

3 METRES PIPING KIT INCLUDED

Wireless Remote

Long Reach Airflow

Dual Suction Intake Design

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

TECHNICAL SPECIFICATIONS

| PARAMETERS | IDU Model Number | ASGA18FUTD-B | ASGA24FUTC-B | ASGA30FUTD-B | ASGA36FUTC-B |
|--------------------------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | ODU Model Number | AOGA18FUTDHB | AOGA24FUTCHB | AOGA30FUTDSB | AOGA36FUTCSB |
| BEE Star Rating | - | 3 | 3 | 3 | - |
| 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.

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.

| 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* | - | - | - |