

TROPICAL CASSETTE



TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	AUGA25BRTA-B	AUGA36BRTA-B
	ODU Model Number	AOGA25BRWA-B	AOGA36BRWA-B
BEE Star Rating	-	3	2 (LCAC)
Tonnage	TR	2.0	3.0
Power Supply	Ph-Hz-V	1 -50-230	1 -50-230
Running Current	A	8.3	14.6
Standard Cooling at 100% Capacity	W	7,100	10,550
Power Consumption at 100% Capacity	W	1,825	3,190
Rated ISEER	kWh/kWh	3.89	3.31
Electricity Consumption per Annum	kWh	1413	2470
Moisture Removal	l/h	2.7	3.8
Indoor Fan Speed Control Levels	-	4	4
Indoor Airflow Volume-High	m ³ /h	1150	1720
Indoor Unit Dimensions HxWxD	mm	246x840x840	288x840x840
Indoor Unit Net Weight	kg	24.0	29.0
Grille Dimensions HxWxD	mm	53x950x950	53x950x950
Outdoor Unit Dimensions HxWxD	mm	752x910x330	971x1080x450
Outdoor Unit Net Weight	kg	56.0	87.0
Indoor Noise Level-Quiet	dB(A)	29	40
Connection Pipe (Gas / Liquid)	mm	15.88 / 6.35	19.05 / 9.52
Pipe Length Min-Max (Precharged)	m	5-25 (7)	5-50 (7)
Max Height Difference	m	15.0	30
Ambient Operating Temperature Range	°C	18°C - 52°C	18°C - 52°C
Operating Voltage Range	V	195V - 265V	195V - 265V
Refrigerant Type	Non-CFC	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary
Evaporator & Condenser Coil Material	-	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.

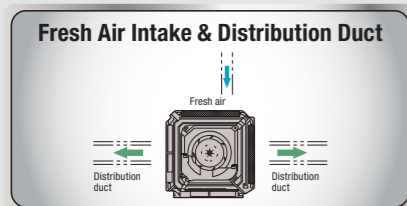
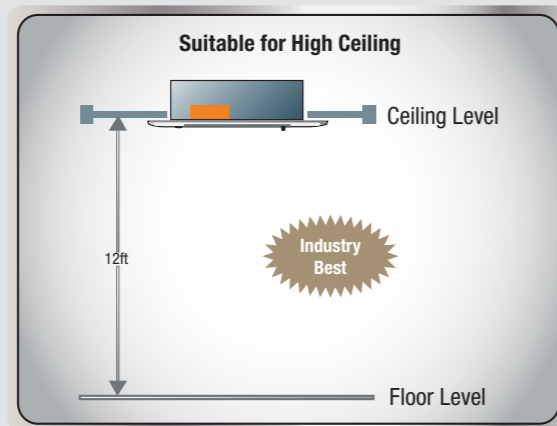
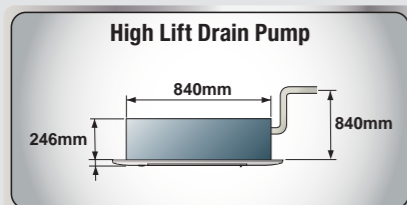
BRT Series

Star Rating:



Model Number: AUGA25BRTA-B

AUGA36BRTA-B
(LCAC)



Wireless Remote



Wired Remote (Optional)

INSTALLATION CHECK POINTS

Unit Capacity	2.0-Ton	3.0-Ton	
Model No.	AUGA25BRTA-B	AUGA36BRTA-B	
Check for Main Power Supply	OUTDOOR UNIT		
	230 Volts/50Hz/ 1 Phase		
	Mandatory		
	± 3 Volts		
	<25 Ohms		
ODU to IDU Wiring	Maximum Operating Current in A *1	8.3	20
	Starting Current in A	NA	NA
	Connection Cord ODU to IDU in mm ²	1.5—2.5	1.5—2.5
	No. of Cores - ODU to IDU	4	4
	Power Cable in mm ²	2.5—3.5	2.5—3.5
	No of Cores - Power Supply	3	3
	Connection cable limited wiring length in m *2	26	51
Piping Size & Thickness	Circuit Breaker Current in A	30	30
	Type of Gas	R32	R32
	Copper Pipe Thickness in mm	1.0	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 9.52
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 15.88	Ø 19.05
	Minimum Pipe Length in m	5	5
	Maximum Pipe Length in m	25	50
	Maximum Height Difference in m	15	30
	Pre-Charged Refrigerant in g	1,750	3,200
	Standard Refrigerant Pre-Charged in m	7	7
	Additional Charge in g/m	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.

FEATURES		INVERTER CASSETTE - COOLING		
		AUGG25CRTA-B	AUGG36CRTA-B	AUGG48CRAA-B
COMFORT	UP / DOWN LOUVERS	o	o	o
	360° TURBO FLOW	o	o	o
	WIDE ANGLE LOUVERS	o	o	o
	AUTOMATIC AIRFLOW ADJUSTMENT	o	o	o
	QUIET OPERATION	o	o	o
CONVENIENCE	DRY FUNCTION	o	o	o
	AUTO - MOISTURE PREVENTION	o	o	o
	CONNECTABLE DISTRIBUTING DUCT	o	o	o
	CONNECTABLE FRESH AIR DUCT	o	o	o
	ADVANCED FREQUENCY MODULATION	o	o	o
	MILDEW RESISTANT FILTER	o	o	o
	COMPRESSOR INSULATION JACKET	o	o	o
	FAN SPEED CONTROL LEVELS	4	4	4
	WASHABLE PANEL	o	o	o
	SLEEP TIMER	o	o	o
PERFORMANCE	ECONOMY MODE	o	o	o
	FILTER SIGN	o	o	o
	WIRELESS REMOTE CONTROLLER	o	o	o
	WIRED REMOTE CONTROLLER	o (Optional)	o (Optional)	o (Optional)
	GROUP CONTROL SYSTEM	o	o	o
	AUTO RESTART	o	o	o
	LONG PIPE	o	o	o
	PROGRAM TIMER	o	o	o
	WEEKLY TIMER	o	o	o
	CORROSION RESISTANT ODU	o	o	o
LONG LIFE	POWDER COATED OUTDOOR UNIT	o	o	o
	SILICON/CONFORMAL COATED PCB	o	o	o
	BLUE FIN CONDENSER	o	o	o
	CONDENSOR PROTECTION GRILL	o	o	o
	INNER GROOVE COPPER TUBE	o	o	o
SELF DIAGNOSIS	o	o	o	

NOTES: _____

FEATURES		FIXED SPEED CASSETTE - COOLING	
		AUGA25BRTA-B	AUGA36BRTA-B
COMFORT	DRY FUNCTION	o	o
	CONNECTABLE DISTRIBUTING DUCT	o	o
	CONNECTABLE FRESH AIR DUCT	o	o
	MILDEW RESISTANT FILTER	o	o
	COMPRESSOR INSULATION JACKET	o	o
CONVENIENCE	FAN SPEED CONTROL LEVELS	o	o
	WASHABLE PANEL	o	o
	SLEEP TIMER	o	o
	ECONOMY MODE	o	o
	FILTER SIGN	o	o
	WIRELESS REMOTE CONTROLLER	4	4
	WIRED REMOTE CONTROLLER	o	o
	GROUP CONTROL SYSTEM	o	o
	AUTO RESTART	o	o
	LONG PIPE	o	o
PERFORMANCE	PROGRAM TIMER	o	o
	WEEKLY TIMER	o (Optional)	o (Optional)
	CORROSION RESISTANT ODU	o	o
	POWDER COATED OUTDOOR UNIT	o	o
	SILICON/CONFORMAL COATED PCB	o	o
LONG LIFE	BLUE FIN CONDENSER	o	o
	CONDENSOR PROTECTION GRILL	o	o
	INNER GROOVE COPPER TUBE	o	o
	SELF DIAGNOSIS	o	o

NOTES: _____
