

EFFICIENT & TROPICAL INVERTER CASSETTE



CRT Series

Star Rating:



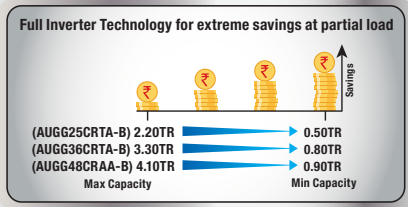
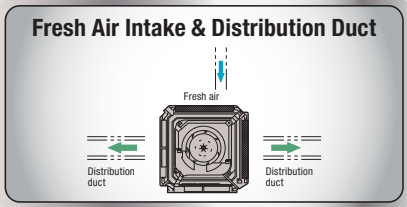
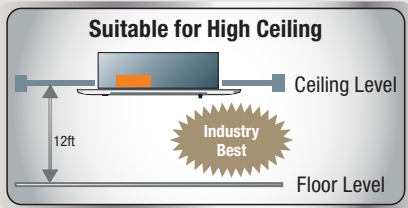
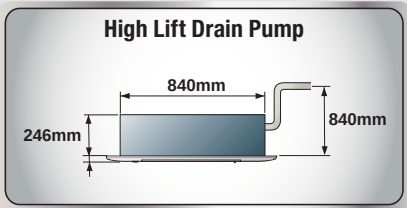
Model Number: AUGG25CRTA-B



AUGG36CRTA-B
(LCAC)



AUGG48CRAA-B
(LCAC)



Wireless Remote



Wired Remote (Optional)

*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 92 for specific modelwise features. CRT Series does not include installation piping kit.

TECHNICAL SPECIFICATIONS

PARAMETERS	IDU Model Number	AUGG25CRTA-B	AUGG36CRTA-B	AUGG48CRAA-B
	ODU Model Number	AOGG25CRTA-B	AOGG36CRTA-B	AOGG48CRAA-B
BEE Star Rating	-	5	5 (LCAC)	5 (LCAC)
Tonnage (Min-Max Cooling Capacity)	TR	2.0(0.5-2.2)	3.0(0.8-3.30)	4.0(0.9-4.1)
Power Supply	Ph-Hz-V	1ø-50-230	1ø-50-230	3ø-50-400
Running Current	A	8.9	13.2	6.35
Standard Cooling at 100% Capacity (Min-Max)	W	7,100(1750-7730)	10,550(2640-11600)	14,070(3280-15470)
Standard Cooling at 50% Capacity	W	3,550	5,280	7,040
Power Consumption at 100% Capacity (Min-Max)	W	2,020(200-2290)	2,980(400-3410)	3,960(600-4180)
Power Consumption at 50% Capacity	W	575	920	1,260
EER at 100% Capacity	W/W	3.51	3.54	3.55
EER at 50% Capacity	W/W	6.17	5.74	5.59
Rated ISEER	kWh/kWh	5.09	4.92	4.86
Electricity Consumption per Annum	kWh	1079	1660	2241
Moisture Removal	l/h	2.5	2.7	5.5
Indoor Fan Speed Control Levels	-	4	4	4
Indoor Airflow Volume-High	m3/h	1150	2000	2100
Indoor Unit Dimensions HxWxD	mm	246x840x840	288x840x840	288x840x840
Indoor Unit Net Weight	kg	24.0	29.0	29.0
Grille Dimensions HxWxD	mm	53x950x950	53x950x950	53x950x950
Outdoor Unit Dimensions HxWxD	mm	632x799x290	788x940x320	1418x970x370
Outdoor Unit Net Weight	kg	36.0	53.0	90.0
Indoor Noise Level-Quiet	dB(A)	29	34.0	38.0
Connection Pipe (Gas / Liquid)	mm	12.70 / 6.35	15.88 / 9.52	15.88 / 9.52
Pipe Length Min-Max (Precharged)	m	5-30(20)	5-50(30)	5-55(30)
Max Height Difference	m	25	30	30
Ambient Operating Temperature Range	°C	21°C ~ 55°C	21°C ~ 55°C	21°C ~ 55°C
Operating Voltage Range	V	198 ~ 264	198 ~ 264	342 ~ 457
Refrigerant Type	Non-CFC	R32	R32	R32
Compressor Type	-	Hyper Tropical Rotary	Hyper Tropical Rotary	Hyper Tropical Rotary
Evaporator & Condenser Coil Material	-	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		2.0-Ton	3.0-Ton	4.0-Ton
Model No.		AUGG25CRTA-B	AUGG36CRTA-B	AUGG48CRAA-B
Check for Main Power Supply	Main Power Supply at	OUTDOOR UNIT		
	Main Power Source P & N	230 Volts/50Hz/ 1 Phase		400 Volts/50Hz/3 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	11.5	16.9	8.20
	Starting Current in A	8.9	13.2	6.35
	Connection Cord ODU to IDU in mm²	1.5—2.5	1.5—2.5	1.5—2.5
	No. of Cores - ODU to IDU	4	4	4
	Power Cable in mm²	2.5—3.5	3.5	3.5
	No of Cores - Power Supply	3	3	5
	Connection cable limited wiring length in m *2	31	51	56
Piping Size & Thickness	Circuit Breaker Current in A	30	30	30
	Type of Gas	R32	R32	R32
	Copper Pipe Thickness in mm	1.0	1.0	1.0
	Pipe size-Liquid in mm	Ø 6.35	Ø 9.52	Ø 9.52
Pipe Limitation & Additional Refrigerant Charge	Pipe size-Suction in mm	Ø 12.70	Ø 15.88	Ø 15.88
	Minimum Pipe Length in m	5	5	5
	Maximum Pipe Length in m	30	50	55
	Maximum Height Difference in m	25	30	30
	Pre-Charged Refrigerant in g	1,070	1,700	3,000
	Standard Refrigerant Pre-Charged in m	20	30	30
	Additional Charge in g/m	20	40	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.

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
	 DRY FUNCTION	o	o	o
	 AUTO - MOISTURE PREVENTION	o	o	o
	 CONNECTABLE DISTRIBUTING DUCT	o	o	o
CONVENIENCE	 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
	 ECONOMY MODE	o	o	o
PERFORMANCE	 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
LONG LIFE	 CORROSION RESISTANT ODU	o	o	o
	 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
	 FAN SPEED CONTROL LEVELS	o	o
CONVENIENCE	 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
PERFORMANCE	 AUTO RESTART	o	o
	 LONG PIPE	o	o
	 PROGRAM TIMER	o	o
	 WEEKLY TIMER	o (Optional)	o (Optional)
	 CORROSION RESISTANT ODU	o	o
	 POWDER COATED OUTDOOR UNIT	o	o
LONG LIFE	 SILICON/CONFORMAL COATED PCB	o	o
	 BLUE FIN CONDENSER	o	o
	 CONDENSOR PROTECTION GRILL	o	o
	 INNER GROOVE COPPER TUBE	o	o
	 SELF DIAGNOSIS	o	o

NOTES: _____
