## **HYPER TROPICAL CASSETTE**



## **FRT Series**

**Star Rating:** 



Model Number: AUGA25FRTA-B



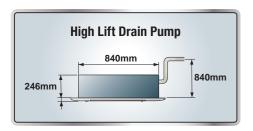




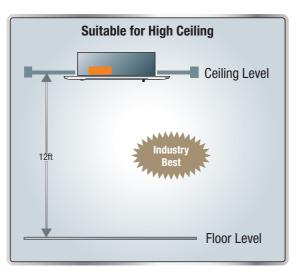














Wireless Remote

## **TECHNICAL SPECIFICATIONS**

DADAMETERS	IDU Model Number	AUGA25FRTA-B		
PARAMETERS	ODU Model Number	AOGA25FBTBHB		
BEE Star Rating	-	2		
Tonnage	TR	1.9		
Power Supply	Ph-Hz-V	1 -50-230		
Running Current	А	8.5		
Standard Cooling at 100% Capacity	W	6,680		
Power Consumption at 100% Capacity	W	1,850		
Rated ISEER	kWh/kWh	3.61		
Electricity Consumption per Annum	kWh	1432		
Moisture Removal	l/h	2.3		
Indoor Fan Speed Control Levels	-	4		
Indoor Airflow Volume-High	m3/h	1150		
Indoor Unit Dimensions HxWxD	mm	246x840x840		
Indoor Unit Net Weight	kg	24.0		
Grille Dimensions HxWxD	mm	53x950x950		
Outdoor Unit Dimensions HxWxD	mm	830x900x330		
Outdoor Unit Net Weight	kg	63.0		
Connnection Pipe (Gas / Liquid)	mm	15.88 / 6.35		
Pipe Length Min~Max (Precharged)	m	3~25 (7.5)		
Max Height Difference	m	15		
Ambient Operating Temperature Range	°C	21°C ~ 52°C		
Operating Voltage Range	V	198V ~ 264V		
Refrigerant Type	Non-CFC	R410A		
Compressor Type	-	Hyper Tropical Rotary		
Evaporator & Condenser Coil Material	-	Copper		

<sup>\*</sup>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		1.9-Ton		
Model No.		AUGA25FRTA-B		
	Main Power Supply at	OUTDOOR UNIT		
	Main Power Source P & N	230 Volts / 50Hz / 1 Phase		
Check for Main Power Supply	Proper Earthing	Mandatory		
	Main Power N & E	± 3 Volts		
	Resistance (To be measured with ground test meter)	<25 Ohms		
	Maximum Operating Current in A <sup>*1</sup>	16.5		
	Starting Current in A	55		
	Connection Cord ODU to IDU in mm²	1.5—2.5		
ODU to IDU Wiring	No. of Cores - ODU to IDU	4		
ODG to IDG Willing	Power Cable in mm²	2.5—3.5		
	No of Cores - Power Supply	3		
	Connection cable limited wiring length in m <sup>*2</sup>	26		
	Circuit Breaker Current in A	30		
	Type of Gas	R410A		
Piping Size & Thickness	Copper Pipe Thickness in mm	1.0		
riping Size & Thickness	Pipe size-Liquid in mm	Ø 6.35		
	Pipe size-Suction in mm	Ø 15.88		
	Minimum Pipe Length in m	3		
	Maximum Pipe Length in m	25		
Pipe Limitation & Additional	Maximum Height Difference in m	15		
Refrigerant Charge	Pre-Charged Refrigerant in g	1,800		
	Standard Refrigerant Pre-Charged in m	7.5		
	Additional Charge in g/m	20		
NEVER USE THE OLD INSTALLATION PIR	PE 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.

<sup>\*</sup>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 90 for specific modelwise features.

	EEATURE	FIXED SPEED CASSETTE - COOLING  AUGA25FRTA-B		
	FEATURES			
[u	UP / DOWN LOUVERS	0		
	360° TURBO FLOW	0		
[	WIDE ANGLE LOUVERS	0		
5	AUTOMATIC AIRFLOW ADJUSTMENT	0		
	QUIET OPERATION	0		
	DRY FUNCTION	0		
	CONNECTABLE DISTRIBUTING DUCT	0		
	CONNECTABLE FRESH AIR DUCT	0		
	MILDEW RESISTANT FILTER	0		
	COMPRESSOR INSULATION JACKET	0		
[	FAN SPEED CONTROL LEVELS	4		
	WASHABLE PANEL	0		
	SLEEP TIMER	0		
I de la companya de l	ECONOMY MODE	0		
	FILTER SIGN	0		
	WIRELESS REMOTE CONTROLLER	0		
[,	AUTO RESTART	0		
	LONG PIPE	0		
	WEEKLY TIMER	0		
	CORROSION RESISTANT ODU	0		
	POWDER COATED OUTDOOR UNIT	0		
	CONDENSOR PROTECTION GRILL	0		
	INNER GROOVE COPPER TUBE	0		
4	SELF DIAGNOSIS	0		

NOTES:			

FEATURES	FIXED SPEED WINDOW - COOLING			
FEATURES	AMGB09BAWA-B	AFGB12BAWA-B	AXGB18BAWA-B	AXGB24BAWA-B
LEFT / RIGHT SWING LOUVERS	o	o	0	o
SUPER WAVE TECHNOLOGY	o	0	o	o
AUTOMATIC AIRFLOW ADJUSTMENT	o	0	0	o
Z POWERFUL MODE	o	0	0	o
FRESH AIR INTAKE	o	0	0	o
WIRELESS REMOTE CONTROLLER	o	0	0	o
AUTO RESTART	o	0	0	o
QUIET OPERATION	o	0	0	o
WASHABLE PANEL	o	0	o	o
MILDEW RESISTANT FILTER	0	0	0	0
G CATECHIN FILTER	0	0	0	0
SLEEPTIMER	o	0	0	o
CORROSION RESISTANT BODY	o	0	0	o
■ BLUE FIN CONDENSER	o	0	0	o

NOTES:	