

TRANS ACNR



JTAC

ALL ELECTRIC AIR-CONDITIONERS
FOR ELECTRIC BUSES

**LIGHTNING
S E R I E S**

↘ 6m ↘ 9m ↘ 12m Buses

www.transacnr.com

- ↘ High Efficiency Hermetic Horizontal Scroll Compressor
- ↘ Frequency Modulated Inverter Technology
- ↘ High Voltage AC to DC Converter
- ↘ Easy & Safe Operation
- ↘ Soft Start with in-built Safety for Sudden Voltage Spikes
- ↘ Waterproof Grade Protection for all Electrical Devices
- ↘ Best in Class Aggregates
- ↘ Highest COP
- ↘ Lower Life Cycle Costs
- ↘ Specific to Tropical Climate
- ↘ Robust Copper Coil Construction

STAY **cool**  on the move.



LIGHTNING S E R I E S

↘ 6m ↘ 9m ↘ 12m Buses

TECHNICAL SPECIFICATION

Model	↘ NG-06	↘ NG-09	↘ NG-12	
Cooling Capacity	21kW	28kW	36kW	
Power Consumption	≤5.5kW	≤6kW	≤9.5kW	
Power Supply	DC 350 - 700V	DC 300 - 600V	DC 300 - 600V	
Suitable for Electric Bus	Upto 6 mtr.	Upto 9 mtr.	Upto 12 mtr.	
Dimensions - LxWxH (mm)	3200x1650x213	2792x1845x225	3505x1860x225	
Weight	210 Kg	230 Kg	285 Kg	
Refrigerant	R-407C			
Evaporator Coil Type	IGT Cu Tube & Al Hydrophilic Fins			
Condenser Coil Type	IGT Cu Tube & Al Hydrophilic Fins			
Control Panel	Microprocessor Controlled			
Volt	24 V			
Electrical Controller	Flame Proof Automobile Grade with AMP/Tyco Water Proof WD-01DC			
BLOWER	Make	Spal Italy/EBM/JINGYI		
	Nos.	4	6	
	Airflow	4000 M3/H	4400 M3/H	4600 M3/H
	Life Expectancy	30,000 hours	≥15,000 hours	≥15,000 hours
	Shaft	Twin Shaft		
	Voltage	24V DC		
CONDENSER FAN	Make	Spal Italy/EBM/JINGYI		
	Nos.	3	4	
	Airflow	8280 M3/H	11040 M3/H	
	Life Expectancy	30,000 hours	≥15,000 hours	≥15,000 hours
	Voltage	24V		
Compressor Type	Inverter Compressor			
Compressor Model	C-SWS225H01a			
Inverter	11kW	11kW		
Frequency Converter			15kW	
DC-DC Converter	2kW	2kW	3kW	

TRANS ACNR SOLUTIONS PVT. LTD.

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