



## KingClima450

### Brief Introduction



KingClima as the bus air conditioner unit suppliers in china with over 16 years experience in bus HVAC solutions, provide our customers best quality products.

The KingClima series named with our company name are the most popular and hot sale models of bus ac units. In which, our KingClima400 model with 40KW cooling capacity, split roof top mounted and equipped with Valeo or Bitzer compressors (Recommend for BOCK FKX40 compressors or Bock 55K compressors), and also can choose our remanufactured compressors for more economical solutions. It is usually used for 10-12 Meter City Bus & 11-13 Meter Coach cooling solutions.

### Features

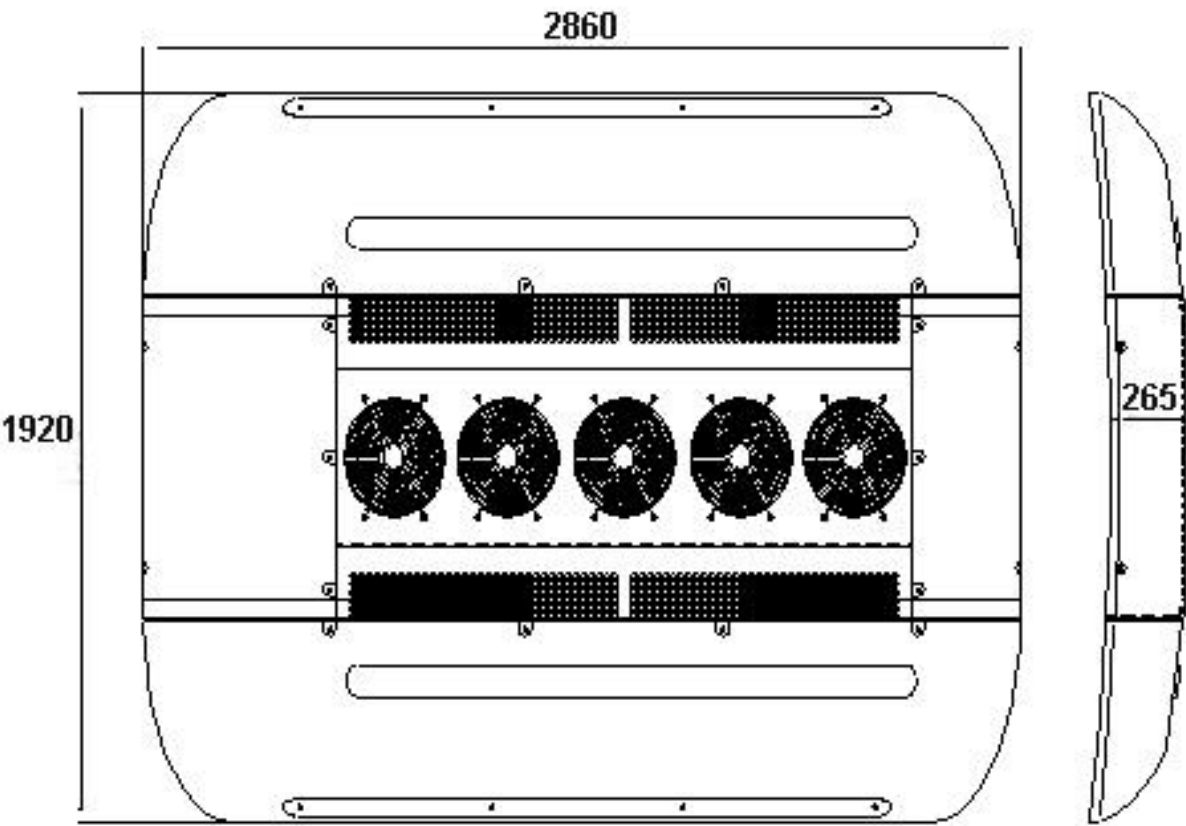
- ★ 45KW cooling capacity, rooftop split mounted;
- ★ Double return air systems, fast cooling speed and best cooling performance;
- ★ Can be working in the ambient temperature is 58℃;
- ★ V type micro-channel heat exchanger optional, heat exchange surface increased 20% and cooling capacity 15% more.
- ★ Very small in size, beautiful appearance and light weight.
- ★ Compact design: 20% reduction in weight, heat exchange efficiency is improved by 20%, refrigerant charged 50% less;
- ★ Especially applied for BRT buses, Hybrid buses, CNG or LNG buses, coach or city buses that the rooftop have a small space;
- ★ LFT-D structure: ultralight, consistent, recyclable and rigid;
- ★ Rubber and thermal insulation materials: environmentally friendly, antiseptic, odourless and flame-retardant(A-0);
- ★ Patented CAN control: modular design, digital communication; PWM control module, evaporator fan stepless speed regulation; smart condenser fan control, cooling on demand.

### Technical

Model		KingClima450
Cooling Capacity		45KW
Heating Capacity		Optional
Fresh Air		1000m³/h
Refrigerant		R134a /7.5KG ((for Micro channel heat exchanger)/11KG (for single Copper pipe ) /12.5KG (for double Copper pipe )
Compressor	Model	BOCK 755K
	Displacement	755 CC
	Weight	31KG
	Oil Type	FUCHS Reniso Triton Se55
Evaporator	Type	Hydrophilic aluminum foil with internal ridge copper tube
	Air Flow	7000m³/h
	Blower Type	4-speed centrifugal type
	No. of Blower	8 pcs
	Current	48A
Condenser	Type	Aluminum foil with internal ridge copper tube
	Air Flow	9500m³/h
	Fan Type	Axial type
	No. of Fan	5 pcs
	Current	40A
Total Current		< 95A
Weight		207 KG
Dimension (L*W*H) mm		2860*1920*265
Application		10-12 Meter City Bus & 11-13 Meter Coach
		

Dimension

L: 2860mm W:1920mm H: 265mm



**King Clima Industry**  
*Best Cooling Solutions for Buses*

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