

## Your Best Buses Cooling Solutions Specialist



## Kingclima-E Series Electric Bus Air Conditioner

### Brief Introduction

KingClima with the environmental friendly awareness popular in the world, more and more countries focus on the full electric commercial vehicles, such as the full electric buses or coaches, vans or minibuses. KingClima has already focused on our efforts to the air conditioning for electric bus over 15 years, and to promote our electric ac units to marketing for over 5 years. Again and again to update our electric air conditioners quality to have a very competitive performance. These years, we gained the good reputation from European countries and America customers.

As for now, we have one series of air conditioner named as Kingclima-E series included into 6 models to meet the electric buses cooling solutions from 14KW to 33Kw to suit for 6-12m electric buses.

### Features

- ✓ Kingclima-E series is 14kw-33kw cooling capacity, designed for 6-12m electric buses.
- ✓ Efficient: with DC variable-frequency compressor and brushless fans, the efficiency is improved a lot.
- ✓ Reliable: all components is reaching passenger car level, waterproof IP rating is IP67 level.
- ✓ Protection devices: high pressure and low pressure protection devices, short circuit protection device, phase loss protection device, multiple insulation protection device and have the E-MARK certifications.
- ✓ Advanced: Stable heating under - 20°C through low temperature heat pump.
- ✓ Intelligent: with advanced PI variable-frequency control, stepless regulation according to the temperature inside and outside, to save 15% energy;
- ✓ Ultralight: we reduced the length and weight, which make the whole electric bus ac units more good appearance and power saving.
- ✓ Quiet: with DC brushless fan and soundproof materials, noise level reduced more than 2dB.

**Kingclima-E Technical**

KingClima*E	KingClima-140E	KingClima-240E	KingClima-260E	KingClima-330E
Max Cooling Capacity	14KW	24KW	26KW	33KW
Heating Capacity	12KW	22KW	24KW	30KW
Refrigerant	R407C			
Refrigerant Charging Weight (kg)	3.2kg	2.2kg*2	2.5kg*2	3kg*2
Compressor	EVS-34	2*EVS-34	2*EVS-34	2*EVS-34
Voltage (V)	DC400-750V	DC400-750V	DC400-750V	DC400-750V
Evaporator air flow(m <sup>3</sup> /h)	3200	4000	6000	6000
Fresh Air Flow(m <sup>3</sup> /h)	1000	1000	1000	1500
Condenser Fans	3	4	4	5
Evaporator Blowers	4	4	6	6
Max.Operating Temp. °C	50	50	50	50
L x W X H (mm)	2440*1630*240	2500*1920*270	2750*1920*270	3000*1920*270
Weight (kg)	160kg	245kg	285kg	304kg
Bus Application	6-7m Electric Bus	7-9m Electric Bus	8-10m Electric Bus	10-12m Electric Bus
Photos				

**Henan Kingclima Industry Co.,Ltd**

Add: No. 107, Pilot Free Trade Zone(JinShui), Zhengzhou, China

 Email: [busac@kingclima.com](mailto:busac@kingclima.com)

 Web: [www.busclima.com](http://www.busclima.com) / [www.kingclima.com](http://www.kingclima.com)

Whatsapp: +86 13849190312