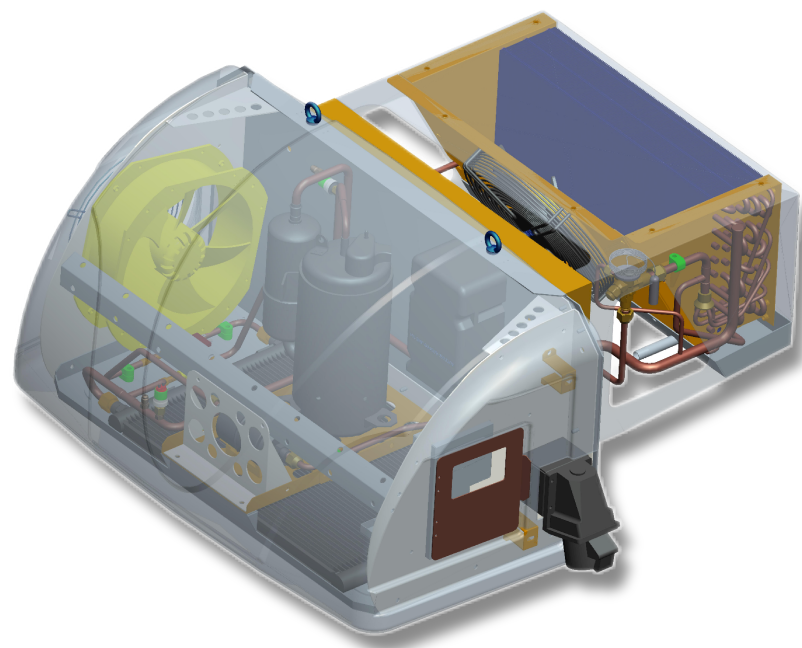


K Series @

KINGCLIMA K series is a refrigeration unit specially designed for small refrigerated trailers. The temperature control range is from -25°C to 10°C. It is suitable for trailers from 8ft to 24ft in size. What is different from the traditional refrigeration unit is that the K series is an integrated unit, that is, the condenser and evaporator are all together. This design simplifies the installation method and saves the space in the box. At the same time, in order to make the operation easier for users, we have used CAREL controller, so that users can control and monitor the temperature change of the unit through the Bluetooth connection of their mobile phones.

Product Models

- KC20
- KF20
- KF25
- KF30



Features, Advantages and Benefits

High efficiency and environmental protection

- Small size, light weight, fuel saving;
- Fast cooling, quickly recover the set temperature after opening and closing the door;
- Use environment-friendly refrigerant to reduce the impact on the environment;
- Professional system design and regulation to solve the problem of cooling capacity in low temperature section;
- Patented control logic ensures accurate temperature control in the box;

Safe and reliable

- More stable operation with AC power;
- The main spare parts have passed the industry's highest testing standards;
- The overall structural frame of the unit has passed the vibration test and is more stable;
- Multiple power switches and relays are used to protect electrical appliances. Once a local fault occurs, the protection mode will be started;

Intelligent control

- Precise control system with bluetooth long-range control function;
- Multiple alarm, convenient human-computer interface which make operation and maintenance more easily;
- Precise temperature control, display accuracy of 0.1°C, optimize defrosting logic, and solve the frost problem under high humidity conditions.

Specifications

MODEL	COMPRESSOR	Cooling Capacity A.T.P. U.N. Standard @40°C ambient	Power consumption	Refrigerant	Frequency	Volume supply	Defrosting	Current consumption LRA	Current consumption FLA	Net Weight	Evaporator blower flow rate (@0 static, pressure)	Condenser blower flow rate (@0 static, pressure)	Temperature range	Protection class
KC20	WHP05100(33.6ml/rev)	2100W	1340W	R134a/1.5KG	AC220V-230V/ 50HZ /Single phase	20m ³	800W	37A	6.1A	73Kg	650m ³ /h	1100m ³ /h	-5°C~10°C	54IP
KF20	DSH356LV(35.6ml/rev)	3100W	2540W	R448a/1.2KG	AC220V-230V/ 50HZ /Single phase	12-15m ³	1980W	50A	9.9A	76Kg	1100m ³ /h	1000m ³ /h	-20°C~10°C	54IP
KF25	2212GK(34.8ml/rev)	3100W	2400W	R404a/1.2KG	AC115V/ 60HZ /Single phase	12-15m ³	1980W	37A	21A	80Kg	1100m ³ /h	1000m ³ /h	-20°C~10°C	54IP
KF30	VTH488L5(48.8ml/rev)	4100W	4260W	R404a/3KG	AC220V-230V/ 60HZ /Three phase	25m ³	2510W	66A	9.5A	110Kg	2400m ³ /h	3600m ³ /h	-25°C~10°C	54IP

