



**TRANSPORT
REFRIGERATION UNIT**

ET270-E12

KINGTEC GROUP CO., LTD.

ET270-E12

Buy No Regret!



DESCRIPTION

The Kingtec ET270-E12 all-electric refrigeration unit is specifically designed for refrigerated vehicles with a capacity of 5 to 12 cubic meters. By eliminating the traditional belt-driven compressor, it reduces engine load and fuel consumption, while avoiding the complexity and cost of maintenance and repairs. The unit can be directly connected to the vehicle's generator, offering customers greater fuel efficiency. Its integrated compressor design minimizes installation steps, shortens installation time, and lowers installation costs. The compressor uses a DC12V all-electric scroll compressor, providing rapid cooling and low energy consumption.

SYSTEM COMPONENTS

- Integrated unit assembly
- Electric Scroll Compressor
- In cab Control and wiring Harness
- Heating function (options)(hot-gas heating)

REFRIGERENT(CHLORINE ZERO)

- ET270-E12(R134a):2.5lb

COMPRESSOR

- Electric Scroll Compressor
- PD2-12018BAC (18cc)
- Max recommend RPM:5000
- Contain oil-return device

DEFROST SYSTEM

- Hot gas defrost

TYPE OF HEATING

- Gas heating (HG-30)

HEATING CAPACITY

- 3300W (11220BTU/hr)

AIRFLOW VOLUME

- ET270-E12 Evaporator :1600m³/ h (940 cuft / min)

ELECTRICAL DESCRIPTION

- DC options: DC 12V
- AC options : AC 115V / AC 220V
- Total consumption current

	DC12V	AC115V	AC220V
ET270-E12	140A	18A	7.5A

- Power consumption pre hour is 1.68degrees
- When using AC220V backup power, the cooling capacity is not affected.
- When using AC115V backup power, an additional suction pressure regulating valve is required.

WEIGHTS

- ET270-E12 :123lb

WARRANTY SUMMARY

- Specific terms of the Kingtec express warranty are available on request. Further, Kingtec excludes liability in contract and tort(including strict liability and negligence) for any special, indirect or consequential damages by reason of the installation or use of any covered product or its mechanical failure.

Cooling Capacity
Conditions at 30°C(86°F) ambient
ATP Standard



ET270-E12 (R134a)

Air return/on the road	Watts	BTU/hr
0°C (32°F)	3000	10200
Electric stand-by 60HZ	Watts	BTU/hr
0°C (32°F)	2100	7140



KINGTEC GROUP CO., LTD.

Address: 777 W Mill St, San Bernardino, CA 92410

Office: +1 909 930 1734

Fax: +1 650 472 8091


Environmentally Friendly

Low noise, zero emission, energy-efficient and environmentally friendly.