

ET088



DESCRIPTION

Kingtec ET088 series units are designed for fresh and frozen applications on the 2~6m³ mini refrigerator trucks and vans. The road compressor is powered by battery DC current. Condenser is installed on the top of the trucks or vans, and evaporator is installed inside the top of the cooling compartment.

SYSTEM COMPONENTS

- Condenser assembly (Includes DC motor compressor)
- Evaporator assembly
- In cab control box and wiring harness

REFRIGERENT (CHLORINE ZERO)

- ET088 (R134a): HFC R134a 0.7kg

ROAD COMPRESSOR

- Scroll compressor
- Displacement : 14.5ml/r
- Max recommended speed : 3600 RPM
- Includes oil return separator

AIRFLOW VOLUME

- ET088 Evaporator: 900m³ /h (530 cu ft/min)

DEFROST SYSTEM

- Automatic Hot Gas Defrost

ELECTRICAL SPECIFICATION OPTIONS

- DC voltage options: DC12V or DC24V
- Total current consumption on the road (Ambient Temperature 86°F, return air temperature 32°F)

	DC12V	DC24V
ET088	84A	42A

WEIGHTS

- ET088 Condenser Assembly : 23kg
- ET088 Evaporator Assembly : 17kg

Refrigeration capacity conditions @ 30°C(86°F) ambient and 2400 compressor rpm atp standard



Conditions @ 100°F(38°C) ambient and 2400 compressor pm US-standard



ET088 (R134a)			ET088 (R134a)		
Air return/ on the road	Watts	BTU/hr	Air return/ on the road	Watts	BTU/hr
0°C (32°F)	950	3230	2°C (35°F)	850	2890
-20°C (-4°F)	550	2380	-18°C (0°F)	510	2200

DIMENSIONS: mm (Inch)



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.

