



KINGTEC



**TRANSPORT
REFRIGERATION UNITS**

T235

T235



DESCRIPTION

Kingtec T235 series units are designed for fresh, frozen and deep frozen applications on the 4~18m³ mini refrigerator trucks and vans. The road compressor is powered by the vehicles engine and while a second compressor is powered by an electric motor, making it possible to use electric standby to drive the unit. The stand-by units are installed in the condensing units.

SYSTEM COMPONENTS

- Condenser
- Evaporator
- Road compressor (With magnetic clutch)
- In-cab control and wiring harness
- Optional Program: (Hot Gas Heating System or Engine Water Heating System)

REFRIGERENT (CHLORINE ZERO)

- T235: HFC R404A 1.2kg (2.6 lb)

ROAD COMPRESSOR (ENGINE DRIVEN)

- T235
- Displacement: 138 cc
- Max recommended Speed: 3000 RPM

DEFROST SYSTEM

- Automatic Hot Gas Defrost

AIRFLOW VOLUME

- EVK300C Evaporator: 1600m³/h (940 cu ft/min)

ELECTRICAL SPECIFICATION

- DC voltage options: DC12V or DC24V
- Total current consumption on the road (road compressor)

	DC12V	DC24V
T235	33A	17A

- Total stand-by current consumption

	T235E
115V/1Phase/60Hz	14.0A
115V/1Phase/60Hz	18.0A
220V/1Phase/50Hz	10.0A
230V/1Phase/60Hz	10.0A
380V/3Phase/50Hz	10.0A

WEIGHTS

- T235 Condenser Assembly: 26Kg/57Lb
- EVK300C Evaporator Assembly: 25Kg/55Lb

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.

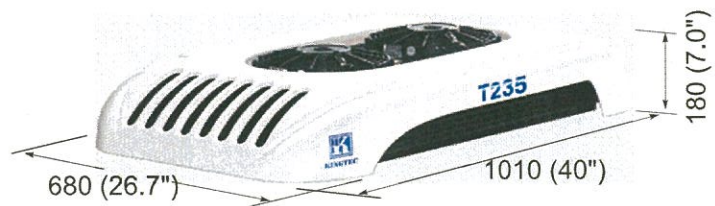
REFRIGERATION CAPACITY

Conditions @ 30°C (86°F) ambient and 2400 compressor rpm ATP Standard

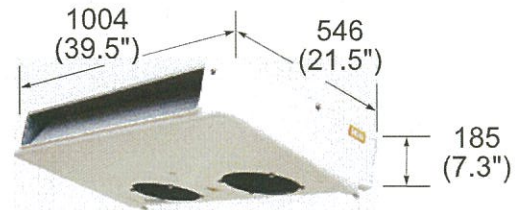
Conditions @ 100°C (38°F) ambient and 2400 compressor rpm US-Standard

T235 (R404A)			T235 (R404A)		
Air return/on the road	Watts	BTU/hr	Air return/on the road	Watts	BTU/hr
0°C (32°F)	3200	10880	2°C (35°F)	2950	10000
-20°C (-4°F)	1500	5100	-18°C (0°F)	1350	4600

Dimensions: mm (inch)



T235 Condenser Assembly



EVK300C Evaporator Assembly



LAE Control Panel

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