



**TRANSPORT  
REFRIGERATION UNIT**

**T-235D**

# T235D



## DESCRIPTION

Kingtec T235D series units are designed for fresh and frozen applications on the 4~18m<sup>3</sup> mini refrigerator vans.

## SYSTEM COMPONENTS

- Condenser assembly
- Evaporator assembly
- Electric compressor
- In cab control box and wiring harness
- Optional Program: (Hot Gas Heating System or Engine Water Heating System)

## REFRIGERENT (CHLORINE ZERO)

- T235D (R404A): HFC R404A 1.2kg
- T235D (R134a): HFC R134a 1.4kg

## AIRFLOW VOLUME

- EVK300C Evaporator: 1600m<sup>3</sup> /h (940 cu ft/min)

## DEFROST SYSTEM

- Automatic Hot Gas Defrost

## ELECTRICAL SPECIFICATION OPTIONS

- DC voltage options: DC12V or DC24V

|       | DC12V | DC24V |
|-------|-------|-------|
| T235D | 33A   | 17A   |

## WEIGHTS

- T235D Condenser Assembly: 26Kg / 57Lbs
- EVK300C Evaporator Assembly: 25Kg / 55Lbs

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

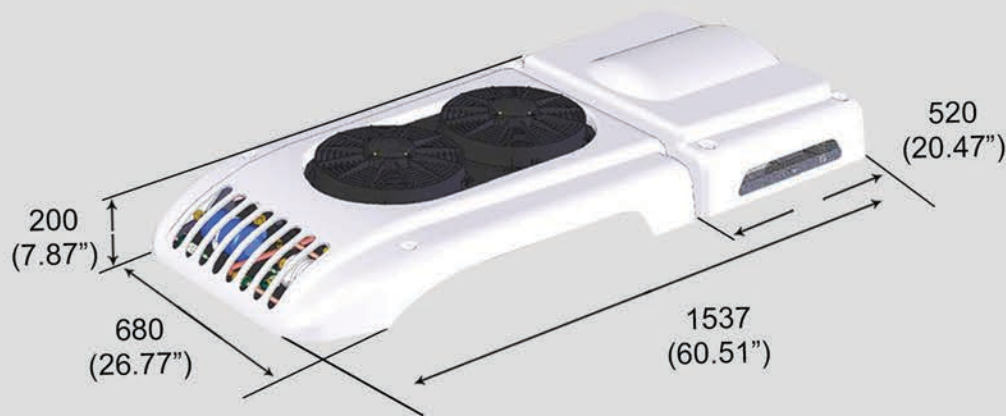


Conditions @ 100°F(38°C) ambient and 2400 compressor pm US-standard

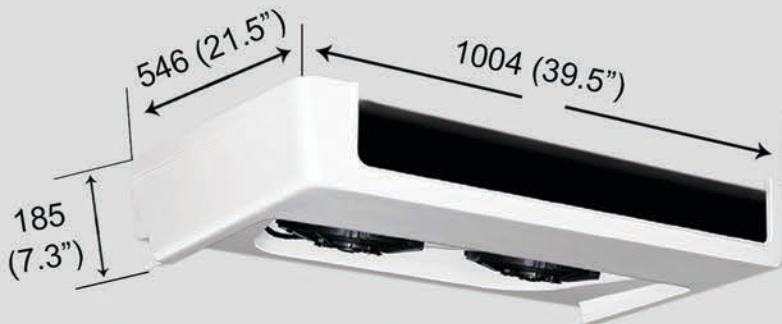


| T235D (R404A)           |       |        | T235D (R404A)           |       |        |
|-------------------------|-------|--------|-------------------------|-------|--------|
| Air return/ on the road | Watts | BTU/hr | Air return/ on the road | Watts | BTU/hr |
| 0°C (32°F)              | 3200  | 10880  | 2°C (35°F)              | 2950  | 10000  |
| -20°C (-4°F)            | 1500  | 5100   | -18°C (0°F)             | 1350  | 4600   |
| T235D (R134a)           |       |        | T235D (R134a)           |       |        |
| Air return/ on the road | Watts | BTU/hr | Air return/ on the road | Watts | BTU/hr |
| 0°C (32°F)              | 2990  | 6930   | 2°C(35°F)               | 2850  | 5430   |
| -20°C (-4°F)            | 1300  | 3350   | -18°C(0°F)              | 1200  | 4100   |

## DIMENSIONS: mm (Inch)



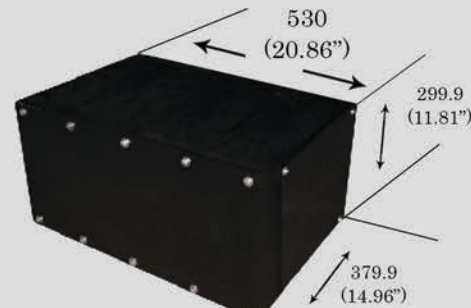
T235D Condenser



EVK300C EVAPORATOR ASSEMBLY



LAE Control Panel



Battery Pack

## 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.

