



**TRANSPORT  
REFRIGERATION UNIT**

**D-460A**

# D460A



## DESCRIPTION

Kingtec D460A series units are designed for fresh and frozen applications on the 2~14m<sup>3</sup> mini refrigerator trucks and vans. The road compressor is powered by the vehicles engine.

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

## SYSTEM COMPONENTS

- Condenser assembly
- Evaporator assembly
- Swash plate road compressor (With magnetic clutch)
- In cab control box and wiring harness

## REFRIGERENT (CHLORINE ZERO)

- D460A (R134a): HFC R134a 1.0kg

## ROAD COMPRESSOR (ENGINE DRIVEN)

- Number of cylinders : 5
- Displacement : 108cc/138cc
- Max recommended speed : 2400 RPM

## AIRFLOW VOLUME

- D460A Evaporator: 1200m<sup>3</sup> /h (705 cu ft/min)

## DEFROST SYSTEM

- Automatic Hot Gas Defrost

## ELECTRICAL SPECIFICATION OPTIONS

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

	DC12V	DC24V
D460A	26A	13.0A

## WEIGHTS

- D460A Condenser Assembly : 23.9kg
- D460A Evaporator Assembly : 14.6kg

## 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.

D460A (R134a)			D460A (R134a)		
Air return/ on the road	Watts	BTU/hr	Air return/ on the road	Watts	BTU/hr
0°C (32°F)	2030	6930	2°C(35°F)	1590	5430
-20°C (-4°F)	980	3350	-18°C(0°F)	930	3175

## DIMENSIONS: mm (Inch)



D460A Condenser



D460A Evaporator



LAE Control Panel