



**TRANSPORT
REFRIGERATION UNIT**

YQZ500D

YQZ500D



DESCRIPTION

Kingtec YQZ500D units are designed for fresh and frozen applications on the 15~40m³ medium refrigerator trucks and vans. Integrative structure is easy to install, super-thin evaporator design compared to the traditional product goods loaded more.

SYSTEM COMPONENTS

- Integrated condenser and evaporator assembly
- Electric compressor
- In cab control box and wiring harness

REFRIGERENT (CHLORINE ZERO)

- YQZ500D (R404A): HFC R404A 1.5kg
- YQZ500D (R134a): HFC R134a 1.6kg

AIRFLOW VOLUME

- YQZ500D Evaporator: 1650m³/h (970 cu ft/min)

DEFROST

- Automatic hot gas defrost

WEIGHTS

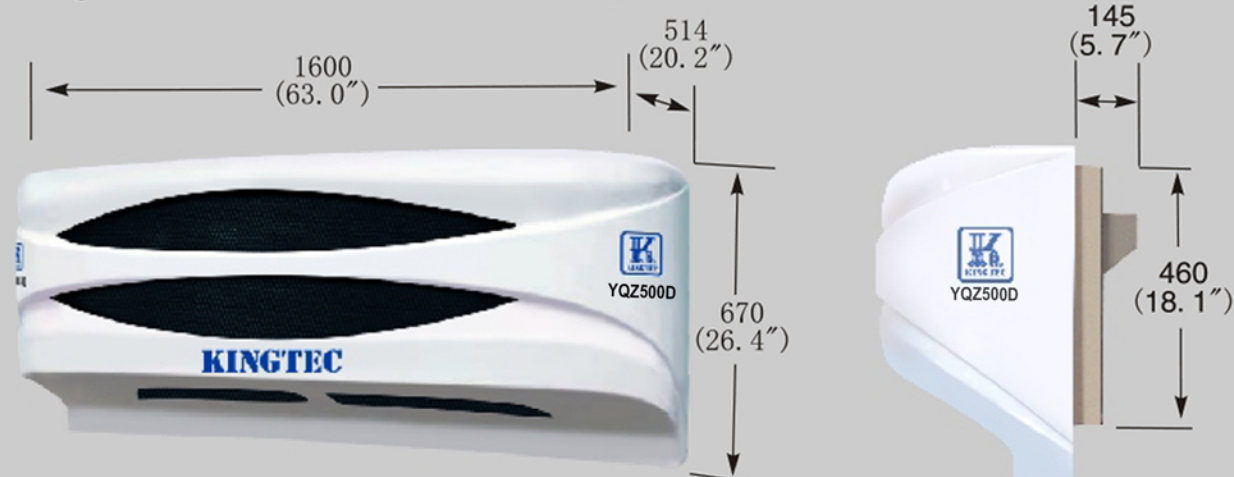
- YQZ500D Integrated condenser and evaporator: 98kg

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

Conditions @ 38°C(100°F) ambient
Road compressor 2400rpm
National-standard

YQZ500D (R404A)			YQZ500D (R404A)		
Air return/on the road	Watts	BTU/hr	Air return/on the road	Watts	BTU/hr
0°C (32°F)	4920	16728	2°C (35°F)	4730	16082
-20°C (-4°F)	2838	9649	-18°C (0°F)	2762	9391
YQZ500D (R134a)			YQZ500D (R134a)		
Air return/ on the road	Watts	BTU/hr	Air return/ on the road	Watts	BTU/hr
0°C (32°F)	3810	13000	2°C (35°F)	3700	12600
-20°C (-4°F)	1758	6000	-18°C (0°F)	1680	5700

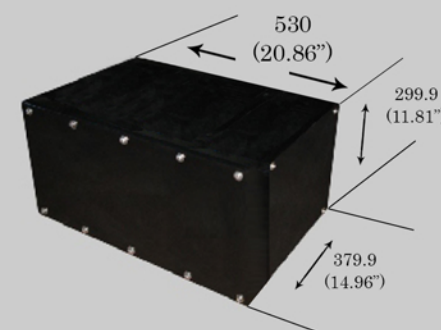
YQZ500D DIMENSION : mm(in)



YQZ500D Integrated condenser and evaporator



LAE Controller



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.