



**HIGH EFFICIENCY DIESEL ENGINE**

- Original Perkins diesel engine specially for reefer truck
- High efficiency 4 cylinder diesel engine
- Power reach 25.8KW at 19000 rpm/min
- 14.6L lubricating oil



**RELIABEL TRANSMISSION**

- Reliabel electromagnetic clutch
- Stable mechanical transmission steering gear



**INTELLIGENT CONTROL**

- Rotate speed accurate controller
- CAN control
- High/low speed conversion mode



**SUPER LONG MAINTENANCE INTERVAL**

- High/low speed conversion mode
- 3000hours maintenance interval
- Donaldson lubricating oil filter
- Donaldson fuel filter drier
- Donaldson high efficiency AC receiver drier
- Long acting low temperature antifreeze

**SPECIFICATIONS**

<b>Model</b>	<b>KA53-TR</b>
<b>Ambient temperature</b>	30°C (86°F)
<b>Cooling capacity</b>	-20°C to 0°C (-4°F to 32°F)
<b>BTU/H (Watts)</b>	37200 BTU/H (10900W) - 66500 BTU/H (19500W)
<b>Refrigerant</b>	R404a, 7.5kg (16.53 lbs)
<b>Temperature range in cabin</b>	-20°C ~ +25°C (-4°F to 77°F)
<b>Voltage</b>	DC12V
<b>Opening size of trailer box body</b>	1696x1168 mm (66.77x45.98 inch)
<b>Dimensions (mm)</b>	<b>Evaporator</b>
	<b>Condenser</b>
	1685x1150x592 (66.34x45.27x8.03 inch)
	1945x2270x592 (76.57x89.37x23.31 inch)

- Original Perkins diesel engine
- Intelligent control
- Donaldson fuel filter drier
- Donaldson lubricating oil filter
- Donaldson receiver drier

**STANDARD FEATURES**

**Heat exchange system :**

- High efficiency micro-channel condenser
- High efficiency plate heat exchanger

**Rapid and safe cooling :**

- Refrigerant : R404a, 7.5kg
- 13m long distance airflow fans, temperature uniformity

**Option function :**

- Fuel heater
- Evaporator drain extension pipe
- Color painting
- Unit anti-collision protector

**Intelligent heating system :**

- Automatic system hot gas heating

**Compressor :**

- 4 cylinder
- Displacement : 650cc
- Double unloader valves

**Accessory Insects :**

- Hail and other sundry protection nets
- Reliable mechanical lock and triple lock
- Aluminium fuel tank
- Fuel level sensor
- Installation kits



**INTELLIGENT CONTROL**

- Accurate & intelligent control system
- Auto start/stop fuel saving mode
- Sleep/wakeup mode
- Data real time monitoring system
- Self check function
- Hot gas defrost
- Cargo protect system
- Airflow protect system
- Defrost intelligent control
- Multi OSD language
- Fahrenheit/Celsius display

**HUMAN COMPUTER INTERACTION**

- Humanized image display
- Internet of things remote control and check
- Intelligent pre self check and fault diagnosis
- High speed USB transmission interface

**INTELLIGENT CONTROL SYSTEM**

- Engine low oil pressure switch protection
- Engine high coolant temperature switch protection
- Engine rotate speed protection
- Exhaust gas temperature protection
- System HP protection
- System LP protection
- System voltage protection
- System electric current protection
- Fuel heating protection DOOR switch
- System HP/LP real time monitoring