

Technical information for Truck Refrigeration Unit SE400



Cooling capacity(W)	1.7℃	3.9KW
	-17.8℃	1.95KW
Applicable temperature	-25~20℃	
Applicable volume	14~20m ³	
Vehicle Voltage		DC460~700V
Control Voltage		24V
Power		3.0KW
Compressor	Model	DTH488LC
	Type	Rotary
	Displacement	48.8cc
	Voltage	AC380V/3~/50Hz
Condenser	Type	Parallel flow
	Fan model	Axial fan
	Voltage	24V
Evaporator	Type	Internal thread copper pipe aluminum fin
	Fan model	Axial fan
	Voltage	24V
Refrigerant		R404A
Refrigerant filling volume		1.5kg
Defrost type		Hot gas defrost
Installation		Front integrated type
Dimensions		L×W×H= 1400×1152×482 mm
Weight		115kg

Note: 1.The cooling capacity is tested according to the conditions specified in GB / T 21145-2007;
 2.The insulation performance of refrigerated containers complies with the relevant provisions of GB 29753-2013.



Fan



Compressor



Control Panel



Condenser Core



Evaporator Coil

1. Control panel

Digital display, intelligent temperature control and fault indication.

2. Compressor

HIGHLY, high efficiency, large displacement, steady quality.

3. Evaporator and condenser fan

Evaporator fan and Condenser fan Chinese famous brand. High air volume, low noise, high efficiency.

4. Expansion valve

DANFOSS brand, high reliability, high adjustment accuracy and excellent performance.

5. Condenser core

SONGZ brand, The circuit is arranged in parallel with multiple channels, the pressure loss is small, and the compressor load is reduced. Compact structure, and high heat exchange efficiency. Surface anti-corrosion treatment, long service life.

6. Evaporator coil

SONGZ brand, select small diameter($\varnothing 9.52\text{mm}$) and inner grooved copper tube. The evaporator adopt super-thin coil to save more space for the cabinet, has high efficiency.

7. Pipe and hose

Select high strength rubber hose and copper pipe, easy installation, good sealing performance.

Outline and Installation Dimensions

