

Technical information for Truck Refrigeration Unit SC200



Cooling capacity(W)	1.7℃		2.1KW
	-17.8℃		1.2KW
Applicable temperature	-25~20℃		
Applicable volume	4~8m ³		
Compressor	Model	QP13 / SD7L13 (Optional)	
	Type	Swash plate	
	Displacement	131cc/129cc	
	Lubricant type	POE R68H	
Condenser	Type	Parallel flow	
	Fan model	Axial fan	
	Voltage	12V/24V	
Evaporator	Type	Internal thread copper pipe aluminum fin	
	Fan model	Axial fan	
	Voltage	12V/24V	
Throttling type		External equalizer expansion valve	
Refrigerant		R404A	
Refrigerant filling volume		0.95kg	
Defrost type		Hot gas defrost	
Installation		Front mounted type	
Dimensions	Evaporator	L×W×H=606×525×165mm	
	Condenser	L×W×H=820×535×195mm	
Weight	Evaporator	12kg	
	Condenser	18kg	

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



Standby Unit



Condenser Core



Evaporator Coil

1. Control panel

Digital display, intelligent temperature control and fault indication.

2. Compressor

T/CCI brand, high efficiency, large displacement, steady quality.

3. Evaporator and condenser fan

SPAL brand, world 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.

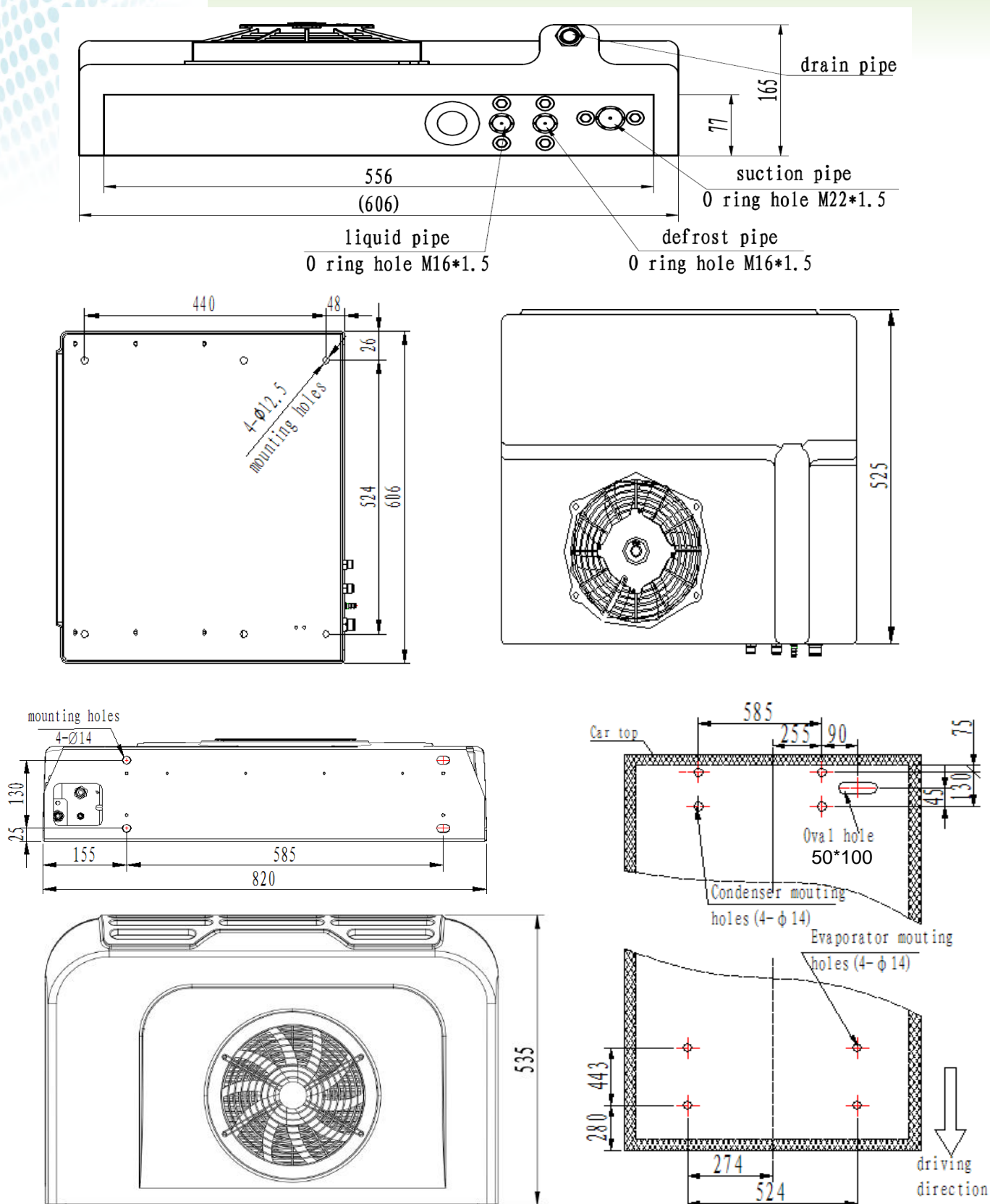
7. Pipe and hose

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

8. Standby Unit (optional)

Adopt SANDEN(optional) compressor and Chinese famous brand motor.

Outline and Installation Dimensions



Note: All datum and specifications may change without notice.