

Transport refrigeration unit selection table

Temperature	-18°C (0°F)	0°C (+32°F)	+6°C (+43°F)																			
Required K factor	0.32 w/m ² °C	0.4 w/m ² °C	0.6 w/m ² °C																			
Model	Volume of the insulated body in m ³																					
	5	10	15	20	25	30	35	40	45	50	55											
Direct-drive	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> Ambient temperature +38°C </div>																					
K 095																						
K 125																						
S 133																						
T 135																						
S 233																						
T 235																						
S 293																						
*R134a units are not recommended for -15°C applications on urban distribution.																						
K 095																						
K 125																						
S 133																						
T 135																						
S 233																						
T 235																						
S 293																						
T-355																						
MK-358																						
S 393																						
CK 399																						
S 533																						
S 733																						
Diesel-drive																						
K 498D	5.6 m(18') 8 m(26')																					
K 598D	7.6 m(25') 10 m(33')																					
K 698D	9.6 m(32') 12 m(40')																					
SK1380	12 m(40')																					
SK1880	15.6 m(45')																					

Note: direct-drive with road compressor at 2400 rpm.

Limits of use of the above table: • Altitude ≤ 1500m • Relative humidity ≤ 70%, • For other conditions of use, please consult us.



KINGTEC TECHNOLOGIES (HEYUAN) CO., LTD is jointly established by Kingtec (Group) Co., Ltd of Hong Kong and Carrier Corporation of USA. It is a professional manufacturer which mainly concentrates on developing and manufacturing of vehicle refrigeration equipment, coordinated development of a wide range of industries, it is a large-scale vehicle refrigeration R&D base at home now, and it is also a domestic leader in the line of vehicle air-conditioner and transport refrigeration unit.

Kingtec technologies Co., Ltd is located in heyuan city, guangdong province, China, it occupy 130000m², building area of 60000m². We have more than 800 workers, wherein 50 bachelors, 90 engineers, 20 have senior title beyond us. The company gathering the most outstanding technician and managerial talent in the area of bus air-conditioner, refrigeration professional, and air conditioner heat system, exclude the "Tongji Kingtec transport refrigeration air-conditioner Institute", the technology center of company is also a part of "Provincial-level enterprise technology centers of guangdong province", "Transport refrigeration engineering technology research and development center of guangdong province", with superior development and design capabilities and technical innovation capabilities.

The company owns the most advanced and largest production, testing equipments of bus air-conditioner and transport refrigeration unit, the production process is scientific, practical, effective and reasonable. There existing sheet metal, welding, piping, electrical, painting, assembly and many other modern production lines, owns many assembly lines, the annual production capacity of bus air-conditioner can reach to 25,000 sets, the annual production capacity of transport refrigeration unit is more than 15,000 sets, and the annual production capacity of heat exchanger up to 100,000 sets. The annual production capacity and production scale comes out in front either in China or Asia.

Kingtec has always been focused on quality of products, and has passed the ISO9001 quality system authentication; CCAP certification of bus air-conditioner products; Refrigeration equipment production license certification, CE international certification etc.

"With auto-refrigeration equipment as the leading, with auto spare parts as the developing, base on the domestic market, with overseas markets as the growth point" is the development strategy that Kingtec firmly carried out, the sales of product, visibility, credibility, brand awareness, service level, etc on the forefront of top the industry for a long-term, the international markets of Kingtec has been expanded to six continents more than 60 countries and regions, Kingtec is one of the largest manufacturers which with the maximum export volume, the maximum export varieties, and the maximum export countries in the area of bus air-conditioner and transport refrigeration unit at home now.

Kingtec Technologies has established self-built services network in all province, municipality, autonomous regional across the country except Taiwan, and have in excess of 100 consignment network, that will make sure all the customers been well served, avoiding the user's worries.

Kingtec Technologies focuses on developing the world-class performance products and shall continue to research and development of innovative products, providing the customer with innovative designed, advanced technology, perfect quality and high performance products.



KINGTEC

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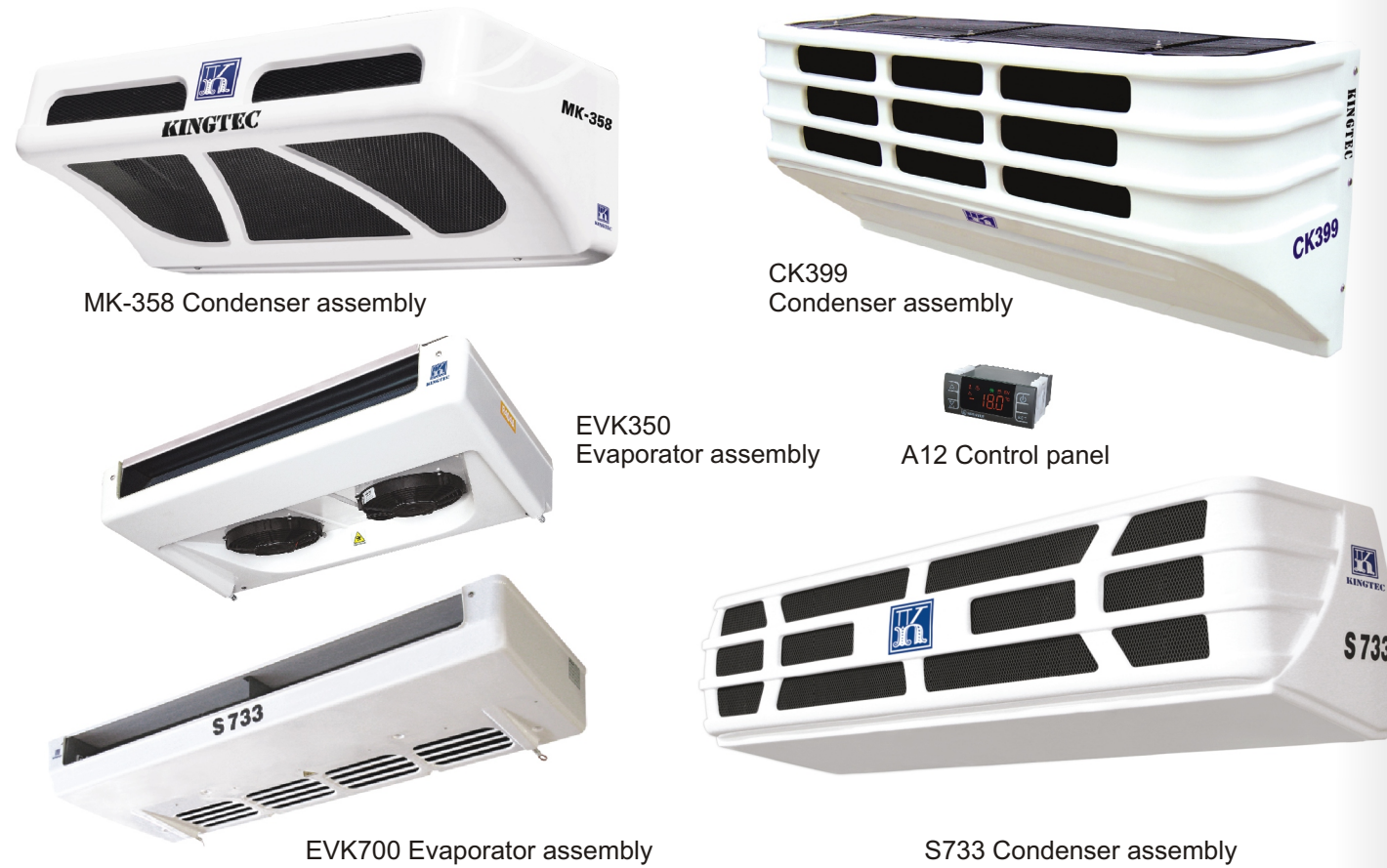
KINGTEC TRANSPORT REFRIGERATION UNITS

KINGTEC Direct drive transport refrigeration unit is designed for the 4~48m³ medium and small-sized refrigerated trucks. The cooling unit is driven by automotive engine with a reliable cooling system, wide range of temperature adjustment, fully security control by computer, large wind volume blowing-in. You can choose the voltage, refrigerant, preparation of power modules, and heating modules as you like. There are also many installation methods could be choose, such as preposition series, roof-mounted, skirt-mounted, integration series and so on. The unit with convenient installation and maintenance is widely applied for the market many years.



K095/K125 Condenser assembly S133/S233/S293 Condenser assembly S393/S533 Condenser assembly
 EVK100C Evaporator assembly EVK300C Evaporator assembly EVK400 Evaporator assembly
 T135 Condenser assembly T235/T355 Condenser assembly EVK200C Evaporator assembly

Direct drive transport refrigeration unit

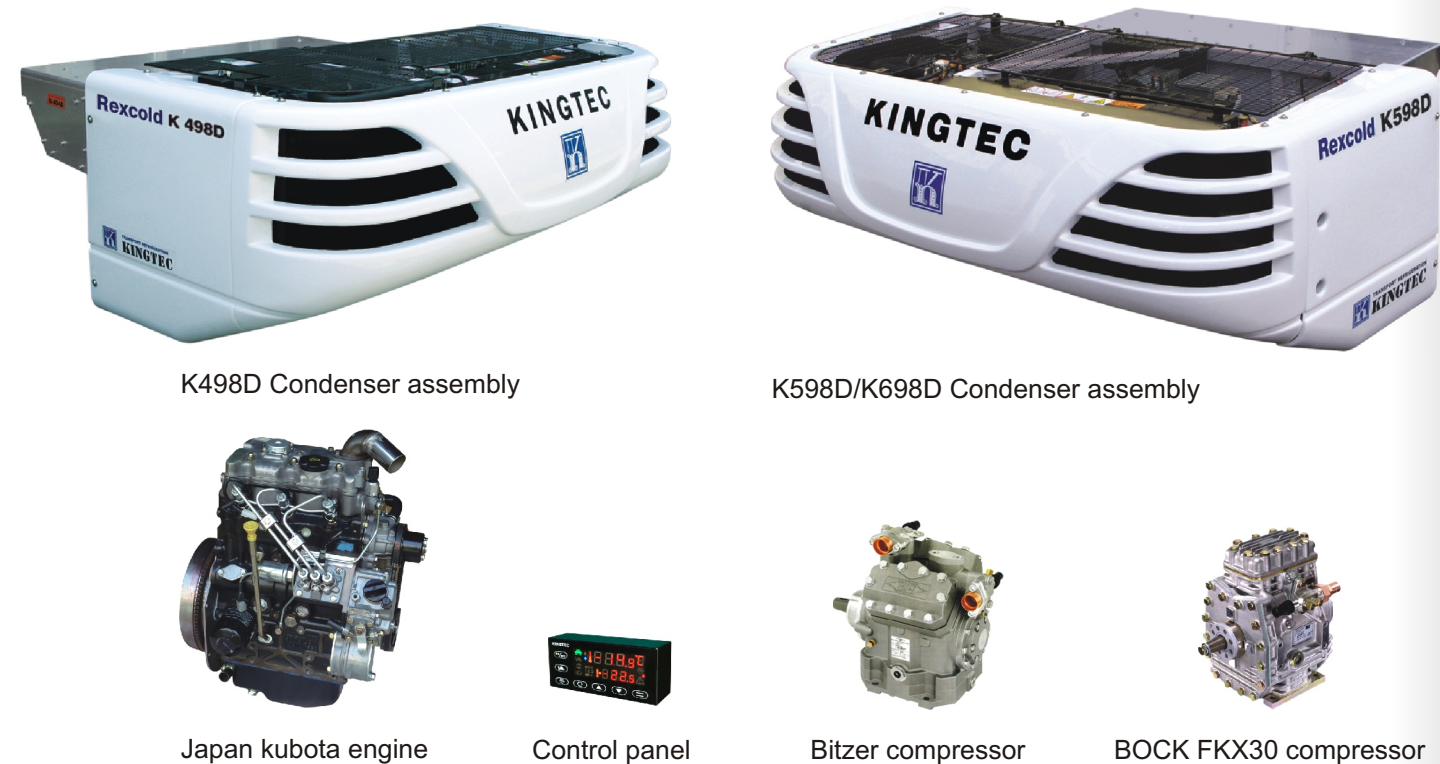


MK-358 Condenser assembly CK399 Condenser assembly
 EVK350 Evaporator assembly A12 Control panel
 EVK700 Evaporator assembly S733 Condenser assembly

Direct drive refrigeration unit technical parameters

Model	Refrigerant		Refrigeration capacity (AMB.+30°C,R404a) watts (Btu/h)			Compressor	Air flow		Electri standby		In-cab contor box	Weight (with stanby) Kg	
	R134a	R404A	0°C/+32°F	-20°C/-4°F	DC voltage		m³/hr	Cfm	220V	380V		Cond	EVA
K095	✓	✓	1380 (4710)	720(2450)	12V/24V	87cc (5.3 cu. in.)	700	410	—	—	✓	28	17
K125	✓	✓	2020 (6900)	1130(3860)	12V/24V	108cc (6.6 cu. in.)	1200	705	—	—	✓	28	22
S133	✓	✓	2020 (6900)	1130(3860)	12V/24V	108cc (6.6 cu. in.)	1200	705	✓	✓	✓	50(75)	22
T135	✓	✓	1990(6800)	960(3280)	12V/24V	108cc (6.6 cu. in.)	1200	705	✓	✓	✓	26	22
S233	✓	✓	2630 (8970)	1450(4950)	12V/24V	138cc (8.42 cu. in.)	1200	705	✓	✓	✓	50(75)	22
T235	✓	✓	2900(9860)	1450(7930)	12V/24V	138cc (8.42 cu. in.)	1380	810	✓	✓	✓	26	28
S293	✓	✓	3320 (11300)	1880(6420)	12V/24V	147cc (8.97 cu. in.)	1380	810	✓	✓	✓	50(75)	25
T355	✓	✓	5100(17350)	2450(8330)	12V/24V	163cc (9.9 cu. in.)	1600	940	✓	✓	✓	32	32
MK-358	—	✓	4420 (15000)	2380(8100)	12V/24V	163cc (9.9 cu. in.)	1600	940	✓	✓	✓	35(65)	18
S393	—	✓	4430 (15100)	2220(7575)	12V/24V	163cc (9.9 cu. in.)	1650	970	✓	✓	✓	85(125)	32
CK399	—	✓	4330 (14770)	2240(7640)	12V/24V	163cc (9.9 cu. in.)	1650	970	✓	✓	✓	98	
S533	—	✓	5480 (18700)	3350(11430)	24V	210cc (12.8 cu. in.)	2400	1410	—	✓	✓	85(125)	35
S733	—	✓	6800 (23200)	3650(12450)	24V	210cc (12.8 cu. in.)	2750	1618	—	✓	✓	105(160)	45

KINGTEC Self powered refrigeration unit is designed for the 20~55m³ large and medium-sized refrigerated trucks. It is driven by the individual diesel motor, cooling and heating designed as integrated, reliable cooling system, wide range of temperature adjustment; the super large amount of blast is blowing-in by 3 brushless blower. The diesel motor with low noise and EC combined mode, make sure the refrigerating unit running safe and reliable. There are two installation methods: Preposition Series and Skirt-Mounted Series. Security control by micro-computer, make sure the temperature of the product being monitoring continuously. There are automatic start-stop and continuous working methods; It is suitable for transport requirement of deferent products. The unit with convenient installation and maintenance is widely applied for the market many years.



K498D Condenser assembly K598D/K698D Condenser assembly
 Japan kubota engine Control panel Bitzer compressor BOCK FKX30 compressor

Self powered refrigeration unit



Spar kool 1380/1880

Self powered refrigeration unit technical parameters

Model	Refrigerant		Refrigeration capacity (AMB.+30°C,R404a) watts (Btu/h)			Compressor	Air flow		Diesel engine	Electri standby		In-cab contor box	Weight (with stanby) Kg	
	R134a	R404A	0°C/+32°F	-20°C/-4°F	DC voltage		m³/hr	Cfm		220V	380V		Cond	EVA
K498D	—	✓	5250(17900)	3250(11090)	12V	235cc (14.3 cu. in.)	2300	1350	6.8kw (2600rpm)	—	✓	✓	495	
K598D	—	✓	7200(24560)	3850(13130)	12V	275cc (16.78 cu. in.)	2750	1618	10.3kw (2600rpm)	—	✓	✓	495	
K698D	—	✓	7900(26950)	5150(17570)	12V	475cc (29 cu. in.)	3200	1883	11.2kw (2600rpm)	—	✓	✓	565	
SK1380	—	✓	13800(47080)	8120(27700)	12V	475cc (29 cu. in.)	4700	4765	22kw (2200rpm)	—	✓	✓	865	
SK1880	—	✓	19200(65510)	10320(35210)	12V	550cc (33.5 cu. in.)	5600	3295	26kw (2200rpm)	—	✓	✓	895	