



Transport Vehicle Refrigeration Units

Company Profile

TKT, as the TOP 3 manufacturer of truck refrigeration units in China, is devoted to produce Environmental, Reliable and Efficient truck refrigeration unit for the world market, and try our best to make contribution for World Cold Chain Industry.

TKT began to research and produce truck refrigeration units from 1993, and now expands to Research, Production, Sales, After Sales, Installation and Cold-Chain Transportation. The products cover all series of transport refrigeration units:

- 1) Refrigeration Units for E-Three Wheelers (Fresh/Frozen)
- 2) Engine Direct Drive Units for Small and Mid Size Truck Body and Van
- 3) Battery Driven Units for Small Size Van for Fresh and Frozen Purpose
- 4) Built-In Stand By Units and Split Stand By Units for AC 220V-240V/AC 380V-400V
- 5) Diesel Refrigeration Units for Mid and Big Size Refrigerated Truck Body for Frozen

We have ISO 9001: 2000 and ISO/TS 16949: 2009 Quality Control Certification and the high level quality control system make all the series of TKT refrigeration units in High Quality, Reliable Performance and Long Life, that is the reason we can provide 3 years warranty in international market.

In China, TKT is the OEM of CIMC, Xinfeng, Hongyu ect main refrigerated truck body builder, and also provide products and service for Coca-Cola, KFC and McDonalds network in whole China. For international market, TKT has dealers and service network in almost all the countries in South East Asia, Mid East, East Europe, Latin America ect place, covered more than 48 countries, and get very big market share and very good reputation from the market.

Here is our advantage to make us success in the market Advanced Technology

- 1) Adopt High Technology to Get Super Cool
- 2) Choose Famous Suppliers from World Wide, and Cooperate with World Top Brand as Partners, such as Danfoss, Sanden, Valeo, Alco and Goodyear ect
- 3) Germany Import Machine to Produce Condenser and Evaporator Coil to Keep High Quality from First Step
- 4) First Class Test Lab with American Importing Machine to Keep Best Performance and Lowest Failure Rate for Every Product

Professional Team:

- 1) 25 Engineers with Master and Doctor Degree to Provide Technical Assistance at any time
- 2) 61 Engineers with Bachelor Degree to Provide 24 Hours Online Service
- 3) Professional International Sales, Provide 7x24 Hrs Service



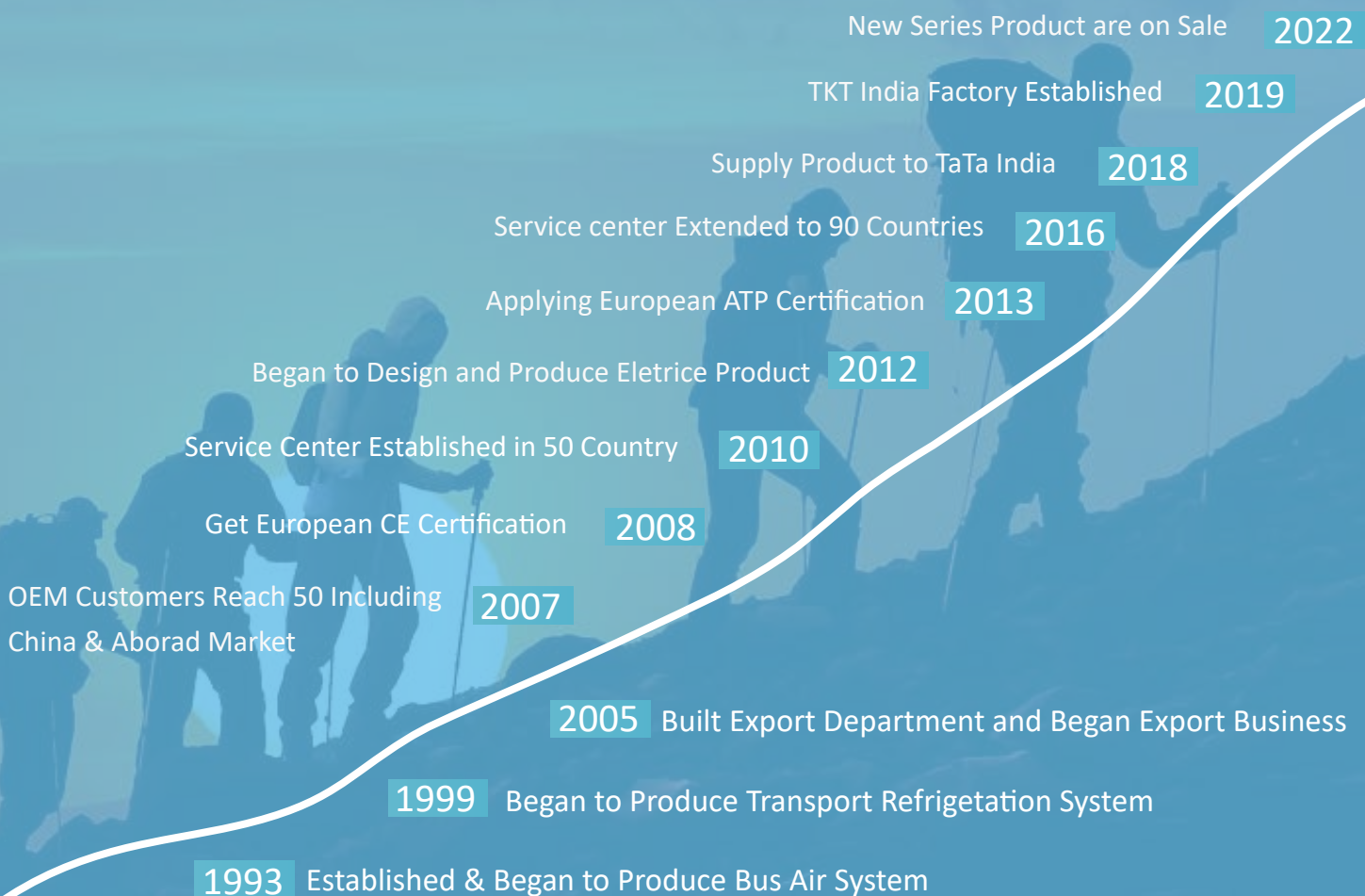
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To This Day, TKT's Story is About Commercial Vehicle Refrigeration Units. Looking Forward to Cooperating with you.

Certification of Honor

We have ISO 9001: 2000 and ISO/TS 16949: 2009 Quality Control Certification and the high level quality control system make all the series of TKT refrigeration units in High Quality, Reliable Performance and Long Life, that is the reason we can provide 3 years warranty in international market.



Production Line



Equipment



Three Wheelers Refrigeration Units

Electric-Fresh & Frozen

- ✧ DC Electric compressor, low noise, energy-saving, and eco-friendly, quick install.
- ✧ Ultra Slim evaporators, saving space for cargoes.
- ✧ Digital and multi-functional control panel, precise temperature control and simple operation, with e-diagnostics and fault alarming
- ✧ Optional CPR heating and Standby.





TKT-HVAC



TKT-TR100E



TKT-TR150E



TKT-TR180EF

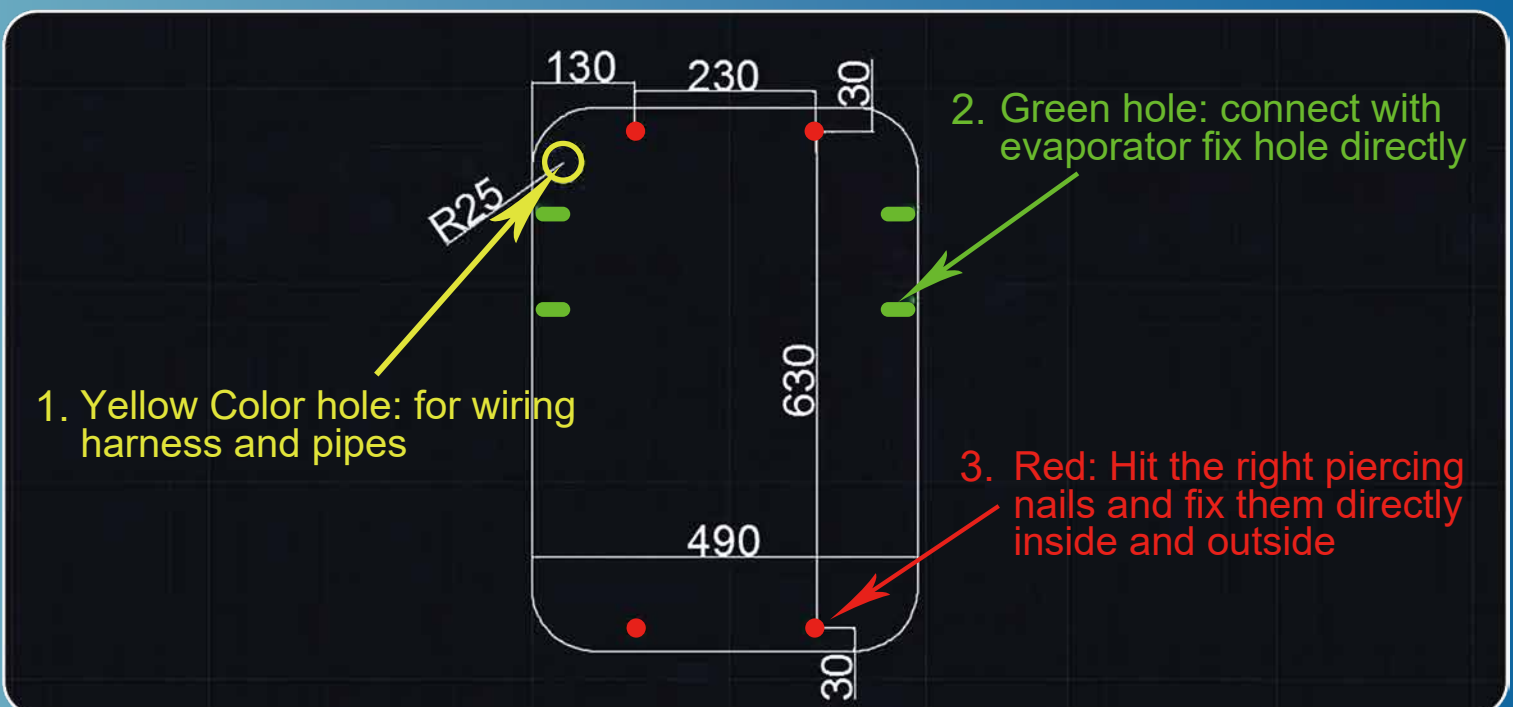
Product Details Show



Technical Specification

Model	TR-100E	TR-150E	TR-180EF	TR-280EF
Installation	Roof Top	Roof Top	Roof Top	Roof Top/ Front Mounted
Voltage	DC48V/60V	DC48V/60V	DC48V/60V	DC60V
Recommended Box Size(Fresh)	0.5-1m ³	2-5m ³	4-6m ³	6-12m ³
Recommended Box Size(Frozen)	0.5m ³	0.5-2m ³	3-4m ³	5-7m ³
Power Consumption	320W	640W	1400W	1320W
Cooling Capacity	-18°C-310W	-18°C-520W	-18°C-1100W	-18°C-1850W
	0°C-680W	0°C-1085W	0°C-1950W	0°C-3400W
Refrigerant	R134A	R134A	R404A	R404A
Compressor	XH058Z60	XH150Z48	D178J48	XH-D298-J60
Condenser Dimension(mm)	520*520*210	685*500*220	800*880*220	
Evaporator Dimension(mm)	480*220*200	495*250*190	850*550*175	

Installation Drawing



Installation Case



Van Refrigeration Units

Electric-Fresh

- * Specialized for small cargo van to keep fresh.
- * Designed for Cargo Van to Keep Frozen/Fresh
- * Easy Installation & Operation
- * Low Current, Long Time Running & High-Low Voltage Protection
- * Environment Friendly



TKT-HVAC



TKT-200E



TKT-300E

Model		TKT-200E	TKT-300E
Driven Type		Battery Driven	Battery Driven
Structure		Roof Top Model	Roof Top Model
Compressor		Electrical Compressor(27cc)	Electrical Compressor(27cc)
Controller		Digital, In Cab	Digital, In Cab
Voltage		DC12v / 24V	DC12v / 24V
Volume of container		2CBM-4CBM(-5 ℃)	4CBM-6CBM(-5 ℃)
Refrigerant		HFC-R134A,0.9-1.1KG	HFC-R134A,1.4-1.6KG
Power Consumption		64A(12V)	80A(12V)
		32A(24V)	40A(24V)
Condenser	Coil	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin
	Fan No.	1	2
	Dimension	865*660*210 mm	928*920*251 mm
Evaporator	Coil	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin
	Blower No.	1	2
	Air Flow	1300m³/h	3100m³/h
	Dimension	610*530*167 mm	700*610*193 mm

Van Refrigeration Units

Engine Driven-Fresh

- * Specialized for Small Cargo Van to Keep Fresh
- * Exclusive Design for Cargo Van to Keep Fresh
- * Easy Installation & Operation
- * Big Colling Capacity & Reliable Performance to Stand Against Hot & Dusty Climatic Condition
- * Environment Friendly





TKT-HVAC



TKT-200R



TKT-300R



TKT-200RF



TKT-300RF

Model	TKT-200R	TKT-300R	TKT-200RF	TKT-300RF	
Cooling mode	Fresh	Fresh	Frozen	Frozen	
Driven Type	Engine Driven	Engine Driven	Engine Driven	Engine Driven	
Structure	Roof Top Model	Roof Top Model	Roof Top Model	Roof Top Model	
Compressor	JAP SD5S14 (138cc)	JAP SD5S14 (138cc)	JAP SD5S14 (138cc)	JAP SD5S14 (138cc)	
Voltage	DC12v / 24V	DC12v / 24V	DC12v / 24V	DC12v / 24V	
Volume of container	3CBM/2.2 Meters	6CBM/3.2Meters	3CBM/2.2 Meters	5CBM/3.2 Meters	
	Body (-5℃)	Body (-5℃)	Body (-20℃)	Body (-20℃)	
Refrigerant	HFC-R134A,0.9-1.1KG	HFC-R404A,1.1-1.3KG	HFC-R404A,1.1-1.2KG	HFC-R404A,1.2-1.3KG	
Controller	Digital, In Cab, Made in Korea				
Cooling Capacity	-5℃ -1235W/4212BTU	-5℃ -2470W/8424BTU	-20℃ -1100W/3770BTU	-20℃ -2170W/7400BTU	
	0℃ -1820W/6200BTU	0℃ -2990W/10200BTU	0℃ -2170 W/7400 BTU	0℃ -3520W/12000BTU	
Condenser	Coil	Copper Tube & Aluminum Fin		Copper Tube & Aluminum Fin	
	Fan No.	1 Fan, DIA 280MM	1 Fan, DIA 280MM	1 Fan, DIA 280MM	
	Dimension	789*450*212 mm	789*450*212 mm	789*450*212 mm	916*493*233mm
Evaporator	Coil	Copper Tube & Aluminum Fin		Copper Tube & Aluminum Fin	
	Blower No.	1 Blower, DIA 230MM	1 Blowers(Turbo)	1 Blower, DIA 230MM	2 Blowers, DIA 230MM
	Air Flow	610m³/h	955m³/h	610m³/h	1160m³/h
	Dimension	706*595*190mm	1010*593*185mm	706*595*190mm	1006*590*188mm

Van Refrigeration Units

Engine Driven-Standby

- * Specialized for small cargo van to keep fresh.
- * Exclusive Design for Cargo Van to Keep Frozen and Fresh
- * Big Colling Capacity & Reliable Performance to Stand Against Hot & Dusty Climatic Condition
- * Easy Installation & Operation
- * Environment Friendly





TKT-HVAC



TKT-200RFS



TKT-300RFS

Model		TKT-200RFS	TKT-300RFS
Driven Type		Engine Driven+Standby Unit	Engine Driven+Standby Unit
Installaton		Roof Top Mounted	Roof Top Mounted
Voltage	Standby	AC220V, 50HZ(60HZ),1PH/AC380V,50HZ,3PH	
	Engine Driven	DC12v / 24V	DC12v / 24V
Controller		Digital, In Cab,Made In Korea	Digital, In Cab,Made In Korea
Compressor(Engine Driven)		Jap SD5H14(138CC)	Jap SD5H14(138CC)
Compressor(Standby Unit)		Jap SD7L13	DY507
Volume of container		3CBM/2.2BMeters-Body(-20 C)	5CBM/3.2BMeters-Body(-20 C)
Refrigerant		HFC-R404A,1.1-1.2KG	HFC-R404A,1.2-1.3KG
Standby Unit	Power	220V-1.8KW	220V-1.8KW
		380V-1.8KW	380V-1.8KW
	Peak Current	220V-12A	220V-12A
		380V-9A	380V-9A
Running Current	220V-10A	220V-10A	
	380V-7A	380V-7A	
Cooling Capacity	Engine Driven	-20 C -1100W/3770BTU	-20 C -2170W/7400BTU
		0 C -2170W/7400BTU	0 C -3520W/12000BTU
	Stand By	-20 C -890W/3020BTU	-20 C -1740W/5920BTU
		0 C -1740W/5920BTU	0 C -2820W/9600BTU
Condenser	Coil	Copper Tube/Aluminum Fin	Copper Tube/Aluminum Fin
	Fan No.	1, Fan, DIA 280MM	1, Fan, DIA 280MM
	Dimension	916*493*233 mm	1213*483*233 mm
Evaporator	Blower No.	Copper Tube/Aluminum Fin	Copper Tube/Aluminum Fin
	Coil	1, Blower DIA 230MM	2, Blowers DIA 230MM
	Air Flow	610m³/h	1160m³/h
	Dimension	706*595*190 mm	1006*590*188 mm

Installation Case



Installation Case



Truck Refrigeration Units

3-6m³ - Fresh

- * Specialized for Small Cargo Van to Keep Fresh.
- * Exclusive Design for Refrigerated Truck Body to Keep Frozen/ Fresh
- * Easy Installation & Operation
- * Big Cooling Capacity & Reliable Performance to Stand Against Hot & Dusty Climatic Condition
- * Environment Friendly





TKT-HVAC



TKT-200C



TKT-300C

Model		TKT-200C	TKT-300C
Driven Type		Engine Driven	Battery Driven
Installation		Front Mounted	Front Mounted
Compressor		JAP SD5S14(138cc)	JAP SD5S14(138cc)
Controller		Digital, In Cab,Made In Korea	Digital, In Cab,Made In Korea
Voltage		DC12v / 24V	DC12v / 24V
Volume of container		3CBM/2.2Meters Body(-5 ℃)	6CBM/3.2Meters Body(-5 ℃)
Refrigerant		HFC-R134A,0.9-1.0KG	HFC-R404A,1.2-1.4KG
Cooling Capacity		-5 ℃ -1440W/4900 BTU	-5 ℃ -2470W/8424 BTU
		0 ℃ -1870W/6370 BTU	0 ℃ -2990W/10200 BTU
Condenser	Coil	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin
	Fan No.	1Fan DIA,280MM	1Fan DIA,280MM
	Dimension	789*450*212 mm	789*450*212 mm
Evaporator	Coil	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin
	Blower No.	1Blower,DIA 230MM	1Blower(Turbo)
	Air Flow	610m³/h	955m³/h
	Dimension	706*595*190 mm	1010*593*185 mm

Truck Refrigeration Units

4-16m³ - Frozen

- * Specialized for Small Cargo Van to Keep Fresh.
- * Exclusive Design for Refrigerated Truck Body to Keep Frozen/
Fresh
- * Easy Installation & Operation
- * Big Cooling Capacity & Reliable Performance to Stand Against Hot &
Dusty Climatic Condition
- * Environment Friendly





TKT-HVAC



TKT-200F



TKT-400F



TKT-600F

Model		TKT-200F	TKT-400F	TKT-600F
Driven Type		Engine Driven	Engine Driven	Engine Driven
Installation		Front Mounted	Front Mounted	Front Mounted
Compressor		JAP SD5S14(138cc)	JAP SD5S14(138cc)	JAP TM16(155cc)
Controller		Digital, In Cab,Made In Korea	Digital, In Cab,Made In Korea	Digital, In Cab,Made In Korea
Voltage		DC12v / 24V	DC12v / 24V	DC12v / 24V
Volume of container		4CBM/2.2Meters Body(-20 C)	7CBM/3.2Meters Body(-20 C)	16CBM/4.2Meters Body(-20 C)
Refrigerant		HFC-R404A,1.2-1.4KG	HFC-R404A,1.5-1.6KG	HFC-R404A,2.2-2.3KG
Defrost		Automatic Hot Gas Defrost	Automatic Hot Gas Defrost	Automatic Hot Gas Defrost
Cooling Capacity		-20 C -1330W/4530 BTU	-20 C -1804W/6150 BTU	-20 C -2600W/8840 BTU
		0 C -2800W/9550 BTU	0 C -3666W/12500 BTU	0 C -5250W/17900 BTU
Condenser	Coil	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin
	Fan No.	1Fan, DIA,280MM	2 Fans, DIA,250MM	2 Fans, DIA,300MM
	Dimension	789*450*212 mm	1050*470*310 mm	1080*510*375 mm
Evaporator	Coil	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin
	Blower No.	1Blower(Turbo)	2 Blowers, DIA 230MM	2 Blowers(Turbo)
	Air Flow	955m³/h	1120m³/h	1870m³/h
	Dimension	1010*593*185 mm	1006*590*188 mm	1260*593*185 mm

Truck Refrigeration Units

20-25m³ - Frozen

- * Specialized for Truck body to keep fresh and frozen
- * Exclusive Design for Refrigerated Truck Body to Keep Frozen/ Fresh
- * Easy Installation & Operation
- * Stream Line Design to Apply all Kinds of Truck Body
- * Big Cooling Capacity & Reliable Performance to Stand Against Hot & Dusty Climatic Condition
- * Environment Friendly



TKT-HVAC



TKT-800F



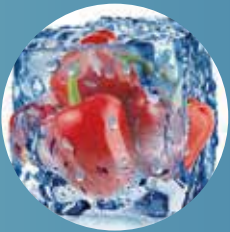
TKT-900F

Model		TKT-800F	TKT-900F
Driven Type		Engine Driven	Engine Driven
Installation		Front Mounted	Front Mounted
Compressor		Valeo TM21	Valeo TM21
Controller		Digital, In Cab,Made In Korea	Digital, In Cab,Made In Korea
Voltage		DC12v / 24V	DC12v / 24V
Volume of container		20CBM/5.2Meters Body(-20 C)	25CBM/6.2Meters Body(-20 C)
Refrigerant		HFC-R404A,2.3-2.4KG	HFC-R404A,2.4-2.6KG
Defrost		Automatic Hot Gas Defrost	Automatic Hot Gas Defrost
Cooling Capacity		-20℃-3680W/12500 BTU	-20℃-4160W/14190 BTU
		0℃-7480W/25500 BTU	0℃-8300W/28300 BTU
Condenser	Coil	Parallel flow	Parallel flow
	Fan No.	3 Fans, DIA,300MM	3 Fans, DIA,300MM
	Dimension	1280*504.6*375 mm	1280*504.6*375 mm
Evaporator	Coil	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin
	Blower No.	3 Fans, DIA,230MM	4 Fans, DIA,230MM
	Air Flow	1910m³/h	2560m³/h
	Dimension	1389*613*184 mm	1556*611*185 mm

Truck Refrigeration Units

Engine Driven- Standby

- * Specialized for small cargo van to keep fresh.
- * Designed for Cargo Van to Keep Frozen/Fresh
- * Easy Installation & Operation
- * Low Current, Long Time Running & High-Low Voltage Protection
- * Environment Friendly



TKT-HVAC



TKT-400FS

TKT-600FS

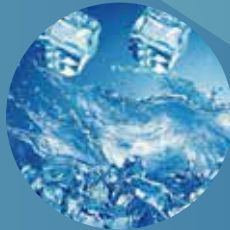
TKT-800FS

Model		TKT-400FS	TKT-600FS	TKT-800FS
Driven Type		Engine Driven+Standby Unit	Engine Driven+Standby Unit	Engine Driven+Standby Unit
Installation		Front Mounted	Front Mounted	Front Mounted
Voltage	Standby	AC220V,50HZ(60HZ),1PH/AC380V,50HZ,3PH		
	Engine Driven	DC12v / 24V	DC12v / 24V	DC12v / 24V
Compressor(Engine Driven)		JAP SD5S14(138cc)	Valeo TM16	Valeo TM21
Compressor(Standby Unit)		JAP SD7L13	JAP SD5S14	JAP SD5S14
Controller		Digital, In Cab,Made In Korea	Digital, In Cab,Made In Korea	Digital, In Cab,Made In Korea
Engine Cooling Capacity		-20 C -1804W/6150 BTU	-20 C -2600W/8840 BTU	-20 C -4160W/14190 BTU
		0 C -3666W/12500 BTU	0 C -5250W/17900 BTU	0 C -7475W/25500 BTU
Standby Unit	Motor Power	220V-2KW	220V-2.2KW	220V-2.2KW
		380V-2KW	380V-2.2KW	380V-2.2KW
	Peak Current	220V-14A	220V-15A	220V-15A
		380V-10A	380V-11A	380V-11A
	Running Current	220V-12A	220V-13A	220V-13A
380V-9A		380V-9A	380V-9A	
Cooling	-20 C -1800W/6138BTU	-20 C -2691W/9180BTU	-20 C -3745W/12270BTU	
	0 C -5058W/17361 BTU	0 C -6030W/20574 BTU	0 C -6728W/22950 BTU	
Volume of container		7CBM-14CBM(-20 C)	15CBM-21CBM(-20 C)	22CBM-33CBM(-20 C)
Refrigerant		HFC-R404A,1.4KG	HFC-R404A,2.2KG	HFC-R404A,2.4KG
Condenser	Coil	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin
	Fan No	1	2	3
	Dimension	1213*483*233 mm	1080*510*375 mm	1280*504.6*375 mm
Evaporator	Coil	2	2	3
	Blower No.	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin
	Air Flow	1160m³/h	3100m³/h	4100m³/h
	Dimension	1006*590*188 mm	1260*593*185 mm	1556*841*185 mm

Truck Refrigeration Units

Diesel Engine-Frozen

- * A Specialized for Medium and Large Refrigerated Truck Body to Keep Fresh, Frozen & Deep Frozen, Powered by Sub Engine and Standby
- * Clean and Silent Diesel Engine
- * Automatic cooling by temperature control system
- * Secure and dependable protection system
- * Highly efficient and quick defrost system



TKT-HVAC



TKT-800S



TKT-1000S



TKT-1200S

Model		TKT-800S		TKT-1000S		TKT-1200S	
Driven Type		Sub Diesel Engine+Standby Unit		Sub Diesel Engine+Standby Unit		Sub Diesel Engine+Standby Unit	
Installation		Front Mounted		Front Mounted		Front Mounted	
Voltage	Standby	AC220V,50HZ(60HZ),1PH/AC380V,50HZ,3PH					
	Sub Diesel Engine	DC12V		DC12V		DC12V	
Compressor	Model	FK30/235TK		FK40/390TK		FK40/560TK	
	Displacement	235CC		390CC		560CC	
	Number of cylinder	2		4		4	
Controller		Digital, In Cab		Digital, In Cab		Digital, In Cab	
Engine	Brand	Perkings		Perkings		Perkings	
	Model	402D-05		403D-07		403D-11	
	Displacement	0.51L		0.76L		1.13L	
Cooling Ability	Temp Range	0 C/+30 C	-20 C/+30 C	0 C/+30 C	-20 C/+30 C	0 C/+30 C	-20 C/+30 C
	Sub Engine	6090W 20767BTU	3450W 11765BTU	7925W 27024BTU	5165W 17613BTU	10960W 37374BTU	6785W 23137BTU
	Standby	4850W 16538BTU	2700W 9207BTU	6515W 22216BTU	4490W 15310BTU	10205W 34799BTU	6245W 21295BTU
Volume of Container		25CBM-35CBM(-20 C)		35CBM-55CBM(-20 C)		50CBM-65CBM(-20 C)	
Refrigerant		HFC-R404A		HFC-R404A		HFC-R404A	
Dimensions		1795*795*555 mm		1825*860*630 mm		1915*970*690 mm	

Installation Case



Dear Customers:

TKT was established in 1993. To this day, as the most trusted partner, I think we have remain true to the original aspiration.

We have also been confused whether to cater to the market or not. A price war would mean keeping costs down, and keeping costs down would mean cutting back on spending per material. This question has plagued us for a long time.

In this industry, there is always someone who needs to stay true to the beginning. For many challenges, TKT has high aspirations to transport and protect vegetables, fruits, ice cream, milk, meat, produce, etc. TKT is recognized as a trusted partner in the refrigeration industry. We have been using the best materials for 30 years, because we know that the best service for customers is to reduce after-sales. No matter how many years have passed, we will never change.

Our Target:

TOP 1 Manufacture of Truck Refrigeration in China, TOP 3 in the World Market

TKT Truck Refrigeration Orientation

Environmental, Energy Saving, High Efficiency, Innovation and Durable

Our Philosophy:

Create More Green for the World

Create More Value for the Customers

Create Better Life for the Employee

Our Believes:

Honest! Trust! Cooperation and Win-Win!

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