

KSN

BUS AIR-CONDITIONER

Make you feel more comfortable for your journey



KSN-Built in type bus air conditioner

MODEL			KSN04	KSN05	KSN10	KSN11	KSN14	KSN15
Cooling capacity		W	12000	14000	30200	32550	48000	55000
Refrigerant			R134a					
Refrigerant charge		Kg	2.5	3.0	8.5	9.0	9.3	9.3
Compressor	Model		WX26	AK33	4NFCY	4NFCY	6PFCY	6NFCY
	Displacement	Cm³	260	330	647	647	836	970
	Lubricant		PAG	PAG	BSE55	BSE55	BSE55	BSE55
Evaporator	Type		Tube and fin (whorled in tube hydrophilic aluminum foil)					
	Air flow rate	M³/h	3000	3000	4400	5200	12000	12000
	Fan		Double shaft centrifugal type (long service life,low noise,high efficiency)					
Condenser	Type		Tube and fin					
	Air flow rate	M³/h	4400	5700	8800	8800	13200	13200
	Fan		Axial flow type (long service life,low noise,high efficiency)					
Weight		kg	55	70	108	112	320	320
Total current		A	51	58	85	107	175	175
Dimensions	Length	mm	C888 E1248	C1100 E1435	C860 E1570	C866 E2060	2050	2050
	Width	mm	C470 E536	C430 E490	C715 E443	C672 E345	715	715
	Height	mm	C349 E188	C375 E173	C300 E170	C287 E180	1100	1100
Control system	Inside temperature		℃	Condition from 18℃～28℃				
	Defrost temperature		℃	1～3				
	Air flow			3 step air flow				
	Safety device	High pressure switch	Mpa	Action pressure 2.65 mpa reset pressure 1.65 mpa				
		Low pressure switch	Mpa	Action pressure 0.04 mpa reset pressure 0.14 mpa				

NOTE:

1. You can select TORINAS compressor which have same displacement as compressor Model above.
2. As upgrading and improvement of products,Tongsun company have the right to change parameters above without notice.



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Company Profile

Kingtec technologies 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.



# KSB

## BUS AIR-CONDITIONER

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# KSY

## BUS AIR-CONDITIONER

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# KSY

## BUS AIR-CONDITIONER

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# KSH

## BUS AIR-CONDITIONER

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### KSB-Super slim fiberglass roof-mounted bus air conditioner

MODEL			KSB06	KSB07	KSB08	KSB09	KSB10	KSB11	KSB12A	KSB13
Cooling capacity		W	18600	22090	25400	27900	30200	32550	34880	41860
Refrigerant			R134a							
Refrigerant charge		Kg	4.5	5.5	7.0	7.2	7.5	7.5	10.0	12.0
Compressor	Model		WX40	F400	4PFCY	4PFCY	4NFCY	4NFCY	4NFCY	6PFCY
	Displacement	Cm³	400	400	558	558	647	647	647	836
	Lubricant		PAG	BSE55	BSE55	BSE55	BSE55	BSE55	BSE55	BSE55
Evaporator	Type		Tube and fin (whorled in tube hydrophilic aluminum foil)							
	Air flow rate	M³/h	3200	3900	4000	4800	4800	6000	6000	7800
	Fan		Double shaft centrifugal type (long service life,low noise,high efficiency)							
Condenser	Type		Tube and fin							
	Air flow rate	M³/h	5700	6600	7200	8800	9600	9600	11000	11400
	Fan		Axial flow type (long service life,low noise,high efficiency)							
Weight		kg	165	195	215	235	240	250	260	302
Total current		A	65	78	79	86	86	96	105	153
Dimensions	Length	mm	3508	3395	3710	4295	4295	4295	4800	6000
	Width	mm	1720	1860	1860	1872	1872	1872	1872	1860
	Height	mm	175	175	185	175	175	175	175	175
Control system	Inside temperature		℃	Condition from 18℃～28℃						
	Defrost temperature		℃	1～3						
	Air flow			3 step air flow						
	Safety device	High pressure switch	Mpa	Action pressure 2.65 mpa reset pressure 1.65 mpa						
Low pressure switch		Mpa	Action pressure 0.04 mpa reset pressure 0.14 mpa							

NOTE:

1. You can select TORINAS compressor which have same displacement as compressor Model above.
2. As upgrading and improvement of products,Tongsun company have the right to change parameters above without notice.

### KSY-Engineering vehicle air conditioniner

MODEL				KSY04 KSY04B	KSY05A	KSY06	KSY07A	KSY07
Cooling capacity			W	12000	16000	18600	19000	22090
Refrigerant				R134a				
Refrigerant charge			Kg	3.0	4.0	4.5	4.5	4.5
Compressor	Model			WX26	AK33	F400	GDC-320	4TFCY
	Displacement		Cm <sup>3</sup>	260	330	400	320	475
	Lubricant			PAG	PAG	BSE55	PAG56	BSE55
Evaporator	Type			Tube and fin (whorled in tube hydrophilic aluminum foil)				
	Air flow rate		M <sup>3</sup> /h	2600	3200	3200	4000	3200
	Fan			Double shaft centrifugal type (long service life,low noise,high efficiency)				
Condenser	Type			Cocurrent flow condenser				
	Air flow rate		M <sup>3</sup> /h	4400	6600	7600	7600	8000
	Fan			Axial flow type (long service life,low noise,high efficiency)				
Weight			kg	80 / 100	120	130	125	140
Total current			A	52	67	67	72	67
Dimensions	Length		mm	2323 / 1980	2675	2828	2560	2828
	Width		mm	1204 / 1600	1690	1690	1577	1830
	Height		mm	210 / 190	197	197	195	197
Control system	Inside temperature		℃	Condition from 18℃～28℃				
	Defrost temperature		℃	1～3				
	Air flow			3 step air flow				
	Safety device	High pressure switch	Mpa	Action pressure 2.65 mpa reset pressure 1.65 mpa				
		Low pressure switch	Mpa	Action pressure 0.04 mpa reset pressure 0.14 mpa				

NOTE:

1. You can select TORINAS compressor which have same displacement as compressor Model above.
2. As upgrading and improvement of products,Tongsun company have the right to change parameters above without notice.

### KSY-Compact type bus air conditioner

MODEL				KSY08	KSY09	KSY10	KSY11	KSY12
Cooling capacity			W	25400	27900	30200	32550	34880
Refrigerant				R134a				
Refrigerant charge			Kg	5.5	7.0	7.0	8.5	8.8
Compressor	Model			4PFCY	4PFCY	4NFCY	4NFCY	4NFCY
	Displacement		Cm <sup>3</sup>	558	558	647	647	647
	Lubricant			BSE55	BSE55	BSE55	BSE55	BSE55
Evaporator	Type			Tube and fin (whorled in tube hydrophilic aluminum foil)				
	Air flow rate		M <sup>3</sup> /h	4800	4800	6000	6000	6400
	Fan			Double shaft centrifugal type (long service life,low noise,high efficiency)				
Condenser	Type			Cocurrent flow condenser				
	Air flow rate		M <sup>3</sup> /h	8800	9600	9600	13200	14400
	Fan			Axial flow type (long service life,low noise,high efficiency)				
Weight			kg	150	195	195	210	215
Total current			A	86	86	96	114	125
Dimensions	Length		mm	3228	3700	3700	3825	4225
	Width		mm	1830	1840	1840	1840	1840
	Height		mm	197	195	195	195	195
Control system	Inside temperature		℃	Condition from 18℃～28℃				
	Defrost temperature		℃	1～3				
	Air flow			3 step air flow				
	Safety device	High pressure switch	Mpa	Action pressure 2.65 mpa reset pressure 1.65 mpa				
		Low pressure switch	Mpa	Action pressure 0.04 mpa reset pressure 0.14 mpa				

NOTE:

1. You can select TORINAS compressor which have same displacement as compressor Model above.
2. As upgrading and improvement of products,Tongsun company have the right to change parameters above without notice.

### KSH-Super slim fiberglass roof-mounted bus air conditioner

MODEL				KSH07	KSH12
Cooling capacity			W	22090	34880
Refrigerant				R134a	
Refrigerant charge			Kg	5.5	7.5
Compressor	Model			WX40	4NFCY
	Displacement		Cm <sup>3</sup>	400	647
	Lubricant			PAG	BSE55
Evaporator	Type			Tube and fin (whorled in tube hydrophlic aluminum foil)	
	Air flow rate		M³/h	4000	6000
	Fan			Double shaft centrifugal type (long service life,low noise,high efficiency)	
Condenser	Type			Tube and fin	
	Air flow rate		M³/h	6600	11000
	Fan			Axial flow type (long service life,low noise,high efficiency)	
Weight			kg	135	175
Total current			A	72	105
Dimensions	Length		mm	1630	2430
	Width		mm	1688	2100
	Height		mm	220	220
Control system	Inside temperature		℃	Condition from 18℃~28℃	
	Defrost temperature		℃	1~3	
	Air flow			3 step air flow	
	Safety device	High pressure switch	Mpa	Action pressure 2.65 mpa reset pressure 1.65 mpa	
		Low pressure switch	Mpa	Action pressure 0.04 mpa reset pressure 0.14 mpa	

NOTE:

1. You can select TORINAS compressor which have same displacement as compressor Model above.
2. As upgrading and improvement of products,Tongsun company have the right to change parameters above without notice.