



KINGTEC



KSY03



KSY05



KSY03A

PASSENGER VAN AIR-CONDITIONER

Mini Bus, Ambulance





KSY03A/KSY05 Technical Data

Model			Units	KSY03	KSY03A	KSY05
Cooling capacity			Btu	44300	61400	78400
Refrigerant				R134a	R134a	R134a
Refrigerant charge			lbs	2.425	3.968	5.512
Compressor	Model			SE7H15	CHJ121	SE10B20
	Displacement		CC	154.9	215	207
	Lubrication oil			PAG	PAG	PAG
	Clutch	Power consumption	W	<38	<38	<42
		Voltage	V	DC12	DC12	DC12
Weight			lbs	16.755	17.858	17.196
Evaporator	Type			Tube and fin (internal thread copper tube)		
	Air flow rate		CFM	529.3	646.8	1146.6
	Fan			ZFG112	ZFW112	ZFS112
	Current		A/V	18/DC12V	22/DC12V	40/DC12V
Condenser	Type			Parallel flow	Parallel flow	Parallel flow
	Air flow rate		CFM	1422.96	1764	2134.44
	Blower			VA09-AP50/C-27A	VA11-AP7/C-57A	LFC118P
	Current		A/V	18.4/DC12V	27.6/DC12V	27.3/DC12V
Expansion valve				TDEN 2.3	TDEN 2.3	TDEN 3.1
Sight glass				SGN 10S	SGN 12S	SGN 12S
Control system	Temperature control		T	Adjustable from 64.4~82.4 F		
	Defrost temperature		T	33.8~37.4 F	33.8~37.4 F	33.8~37.4 F
	Air flow speeds			3	3	3
	Safety device	High pressure switch	PSI	On 239 off 384	On 239 off 384	On 239 off 384
		Low pressure switch	PSI	On 20.3 off 5.8	On 20.3 off 5.8	On 20.3 off 5.8
Total current			A	36.4	49.6	67.3
Dimensions			in	66.93 x 54.33 x 5.19	68.9 x 55.1 x 7.1	58.46 x 51.2 x 6.3
Weight			lbs	121.3	143.3	138.9

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