

SPARE PARTS LIST

f o r

Infrared oil heater

Model

VAL6

Type

- ◆ EP6JA(EP6A) for 230V 50Hz
- ◆ EP6JA for 110V 50Hz
- ◆ EP8JA for 230V 50Hz
- ◆ EP8JA for 110V 50Hz
- ◆ KBE1JA for 230V 50Hz

Shizuoka Seiki Co., Ltd.

□-mark means that the parts supply period is over and there are limited numbers of stock.

Part No.	PART NAME <MAIN UNIT>	CODE NO.	Q'TY /SET	EP6JA(EP6A)		EP8JA		KBEIJA		REMARKS	Optimum Volume
				230V	110V	230V	110V				
1-1	Radiation Disk	210220001-1	1	●	●	●	●	●			15pcs(62*62*50)
1-2	Conical Insulator	210220001-2	1	●	●	●	●	●			4pcs(62*62*77)
1-3	Drum	210220001-3	1	●	●	●	●	●			
1-4	Conical Housing	210220001-4	1	●	●	●	●	●			
1-5	Burner Fitting Piece	210220001-5	1	●	●	●	●	●			
1-6	Visor	210220001-6	1	●	●	●	●	●			
1-7	Guard Rail	210220001-7	1	●	●	●	●	●		for spare part only	
1-7*										for new product only with brackets and screws	
1-8	Burner Stay	210220001-8	1	●	●	●	●				
		21650100106	1					●			
1-9	Clamp Bolt (RH)	21022001-10	1	●	●	●	●				
	Angle Adjustment Bolt	50229202074	1					●			
1-10	Clamp Bolt (LH)	210220001-9	1	□	□	□	□			till 2006/07(J lot)	
1-11	Clamp Lever	21022001-11	2	●	●	●	●			till 2006/07	
			1	●	●	●	●			from 2007/08	
1-12	Washer	50201201055	2	●	●	●	●			till 2006/07	
			1	●	●	●	●			from 2007/08	
1-13	Burner Leg	21021001-13	1	●	●	●	●				
1-14	Caution Label Plate	50298203A05	1	●	●	●	●	●※		from 2002/03 with 50300203002(Eng· French) 50300203001 Eng only	

※not shown in drawing

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Part No.	PART NAME <FUEL TANK>	CODE NO.	Q'TY /SET	EP6JA(EP6A)		EP8JA		REMARKS
				230V	110V	230V	110V	
2-1	Fuel Tank	210220002-1	1	N/A	N/A	N/A	N/A	to 50306180001
		50306180001	1	□	□	□	□	40ℓ INCLUDE 2-10 (21022002-10),2-11,2-12, 2-16 & 2-17 changed to 50306180A01
		50306180A01	1	●	●	●	●	from 2017/18 INCLUDE 2-10 (50302203002),2-11,2-12, 2-16 & 2-17
2-2	Swivel Base	210220002-2	1	●	●	●	●	
2-3	Swivel Bolt	210220002-3	1	●	●	●	●	
2-4	Tank Leg	210220002-4	1	●	●	●	●	
2-5	Grip	210220002-5	1	●	●	●	●	
2-6	Wheel Shaft	210220002-6	1	●	●	●	●	L=583
2-7	Wheel	50201204006	2	●	●	●	●	
2-7A		50330202024	2	●	●	●	●	from 2020/21
2-10	Fuel Gauge	21022002-10	1	●	●	●	●	till 2016/17
		50302203002	1	●	●	●	●	from 2017/18, used in 50306180A01 fuel tank
2-11	Tank Inlet Filter	21022002-11	1	●	●	●	●	
2-12	Filler Cap	50219102003	1	●	●	●	●	
2-13	Suction Pipe	21300502-13	1	●	●	●	●	
2-14	Fuel Line	21022002-14	2	●	●	●	●	
2-16	Drain Bolt	50231204020	1	●	●	●	●	M16
2-17	Packing	50231204021	1	●	●	●	●	M16

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Part No.	PART NAME <FUEL TANK>	CODE NO.	Q'TY /SET	KBEIJA	REMARKS
2-1	Fuel Tank	50278102007	1	N/A	changed to 50278102002
		50278102002	1	N/A	changed to 50309180001
		50309180001	1	N/A	57ℓ INCLUDE 2-2(50221103003), 2-3 ,2-4(50278102003), 2-5 & 2-6 to 50309180A01
		50309180A01	1	●	from 2017/18 with 2-2(50335102008) and 2-4(50298202019)
2-2	Tank Cap	50221103003	1	N/A	till 2015 changed to
		50335102008	1	●	from 2016 Z-01
2-3	Tank Filter	220110002-8	1	●	
2-4	Fuel Gauge	50278102003	1	●	till 2016/17
		50298202019	1	●	from 2017/18, used in
2-5	Drain Packing	50231204021	1	●	M16
2-6	Drain Bolt	50231204020	1	●	M16
2-7	Suction Pipe	50278102004	1	●	
2-8	Return Nipple	50212205004	1	●	
2-9	Suction Packing	21650100207	2	●	
2-10	Frame (R)	50260102005	1	N/A	till 2005
2-10A		50309102002	1	●	from 2006
2-11	Frame (L)	50260102006	1	N/A	till 2005
2-11A		50309102003	1	●	from 2006
2-12	Handle	50260202009	1	□	till 2005
2-12A		50309202006	1	●	from 2006
2-13	Handle Stay Bracket (R)	50260202010	1	N/A	till 2005
2-13A		50309202007	1	●	from 2006
2-14	Handle Stay Bracket (L)	50260202011	1	N/A	till 2005
2-14A		50309202008	1	●	from 2006
2-15	Fixing Pin	50260202012	2	□	till 2005
2-15A-1	Fixing Pin (L)	50309202009	2	●	from 2006 Φ8x60
2-15A-2	Fixing Pin (S)	50309202010	2	●	from 2006 Φ8x38
2-16	Holder Pipe	21650100213	1	●	
2-17	Fuel Hose	50220203003	2	●	L=450mm
2-18	Tank Leg	50278202002	1	●	
2-19	Wheel Shaft Assembly	50278102008	1	●	
2-20	Wheel	50201204006	2	●	
2-20A		50330202024	2	●	from 2020/21
2-21	Pipe End Cap	50330202009	2	●	from 2006

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Part No.	PART NAME <BURNER>	CODE NO.	QTY /SET	EP6JA(EP6A)		EP8JA		KBE1JA	REMARKS	Optimum Volume
				230V	110V	230V	110V	230V		
3A	Burner Assembly	50306101001	1					●※	available on request together with production of products	
		50323101001	1							
3-1	Nozzle(1.0G)	210220003-1	1	●	●			●		
	Nozzle(0.85G)	213005003-4	1			●	●			
3-2	Nozzle Holder	210220003-2	1	●	●	●	●	●		
3-3	Nozzle Pipe	210220003-3	1	●	●	●	●	●		
3-4	Electrode (Rh)	210220003-4	1	●	●	●	●	●		
3-5	Electrode (Lh)	210220003-5	1	●	●	●	●	●		Include 3-93
3-6	Electrode Stay	210220003-6	1	●	●	●	●	●		
3-7	Electrode Fitting Plate	210220003-7	2	●	●	●	●	●		
3-8	Electrode Cover	210220003-8	1	N/A	N/A	N/A	N/A	N/A		changed to 213005-03-11
		21300503-11	1	●	●	●	●	●		
3-9	Fuel Filter Comp.	210210003-9	1	●	●	●	●	●		including 21021003-10
		50204201085	1	N/A	N/A	N/A	N/A	N/A		from 2004 till 2006
3-10	Filter Element	21021003-10	1	●	●	●	●	●		600pcs(55*40*22)
		50204201082	1	N/A	N/A	N/A	N/A	N/A		from 2004 till 2006
3-11	Filter Bowl	21021003-11	1	●	●	●	●	●		
3-12	Filter Body	21021003-12	1	●	●	●	●	●		
3-15	Elbow Nipple	21021003-15	1	N/A	N/A	N/A	N/A	N/A		till 2003/04, except EP6J & EP8J
3-15A		50305201003	1	●	●	●	●	●		from 2004/05
3-16	Filter Nipple	21021003-16	1	□	□	□	□	□		till 2005/06
3-16A		50306201010	1	●	●	●	●	●		from 2006/07
3-17	Fuel Intake Line	50280202009	1	●	●	●	●	●		
3-18	Pump Elbow	50204201025	1	●	●			●		
		21300503-55	1			●	●			
3-19	Fuel Pump w/o Air Vent Valve	50291201A10	1	N/A				N/A		till 2004/05, changed to 50305201A04
		50305201A04	1	●				●		VSGX63 from 2005/06 12pcs(48*35*16)
		50308201A02	1			N/A				till 2004/05, changed to 503082A1A02
		503082A1A02	1			●				VSCDR63 from 2005/06 12pcs(48*35*16)
		50322201A02	1		●					VSGX63 from 2006/07 12pcs(48*35*16)
50312201A02	1				●			VSCDR63 from 2006/07 12pcs(48*35*16)		
3-22	Fuel Outlet Line	50280202010	1	●	●	●	●	●		
3-23	Pump Nozzle Grommet	21022003-25	1	N/A	N/A	N/A	N/A	N/A		changed to 21300503-15
		21300503-15	1	●	●	●	●	●		
3-25	Housing with Operation/Housing Ornament/Name Stickers/Indoor Use Prohibition Label	21021003-25	1	N/A	N/A			N/A		part number changed to 50306180002
		50306180002	1	●	●			●		include 3-26,3-28,3-30
		50308101004	1			●	●			
3-26	Housing Grip	21022003-28	1	●	●	●	●	●		
3-28	Housing Seal (A)	21300503-65	1	●	●	●	●	●		
3-30	Housing Fitting Piece(A)	21021003-30	2	●	●	●	●	●		
3-35	Condenser	50291201021	1	□		□		□		till 2005/06
3-36	Short Circuit Cord	50249203047	→※	●	●	●	●	●		※EP6JA/KBE1JA: 2 pcs till 2004/05, 1pc from 2005/06 EP8JA: 1 pc
3-37	Burner Control	50291201001	1	N/A	N/A	N/A	N/A	N/A		EP6JA&KBE1JA: till 2004/05, changed to 50321204005 EP8JA: till 2005/06, changed to 50308201009
		21021003-37	1	N/A	N/A	N/A	N/A	N/A		changed to 50204180001
		50321204003	1	N/A	N/A			N/A		for 2005/06, changed to 50321204005
		50308201009	1			●	●			from 2006/07 20pcs(60*38*26)
3-37A		50321204005	1				●		from 2006/07 20pcs(60*38*26)	
3-37B		50321204005	1	●	●	●	●	●		
3-38	Fuse Holder	50291201004	1	●	●	●	●	●		
3-39	Fuse Holder Bracket	50291201018	1	●	●	●	●	●		EP6JA/EP8JA110V :from 2006/07
		50312201003	1		N/A		N/A			till 2005/06
3-41	Fuse (1.6A)	50291201006	1	●	●	●	●	●		
3-42	Control Chassis	22215030015	1	□	□	□	□	□		till 2006/07(J lot)
3-42A		50306101005	1	●	●	●	●	●		from 2007/08 (I lot)
3-43	Pump Transformer Bracket	21300503-48	1	●	●	●	●	●		

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Part No.	PART NAME <BURNER>	CODE NO.	QTY /SET	EP6JA(EP6A)		EP8JA		KBE1JA	REMARKS	Optimum Volume
				230V	110V	230V	110V	230V		
3-44	Grommet	50291201014	1	●					dia. 9 for EP6A (S): for 2006/07	
3-45		50291201007	1	N/A	N/A			N/A	till 2005/06	
		50308201004	1			N/A	N/A		till 2005/06	
3-45A	Face Plate With Sticker	50306201008	1	N/A	N/A			N/A	for 2006/07, changed to 50306101006	
		50308101005	1			●	●		from 2006/07	
		50306101006	1	●	●			●	from 2007/08 (1 lot)	
3-46	Step Down Transformer	50291201002	1	●		●		●		
		50300201005	1		●		●			
3-47	Fan Motor	50291201009	1	●				●		
		50308201003	1			●				
		50322201003	1		●					
		50260201002	1					●		
3-48	Flame Monitor	50262202030	1	□	□	□	□	□	till 2005/06 w/o flame older	
3-48A		50306101003	1	●	●	●	●	●	from 2006/07 w/o flame holder	
3-49	Flame Monitor Holder	50262202029	1	●	●	●	●	●		
3-51	Ignition Transformer	50291201003	1	N/A		N/A		N/A	discontinued, changed to 50319202022	
		50319202022	1	●		●		●	from 2006/07	20pcs(55*42*18)
		50312201004	1		●		●		with primary leads from 2006/07. 3-92 Noisefilter assembly must be removed when the trans. used till 2005/06 is replaced with new one from 2006/07.	20pcs(55*42*18)
3-52	Insulating Cap	50291201016	2	●	●	●	●	●		
3-54	Housing End	5028020200A	1	N/A	N/A	N/A	N/A	N/A	EP8J: from 1997/98, EP6/8/KBE1JA: till 2005/06 (S): till 2006/07	
3-54A		50306201006	1	●	●	●	●	●	from 2006/07 (S): from 2007/08	
3-55	Housing Fitting Piece(B)	21021003-55	2	●	●	●	●	●		
3-56	Housing Seal (B)	21022003-54	1	●	●	●	●	●		
3-57	Burner Boss	21022003-55	1	●	●	●	●	●		
3-58	Burner Cone	21022003-56	1	●	●	●	●	●		
3-59	Whirl Vane	21022003-57	1	●	●	●	●	●		
3-69	Switch	50291101002	1	●	●	●	●	●		
3-71		50303201005	1	N/A		N/A		N/A	till 2003/04, with 3-72&73	
		50312201005	1		N/A		N/A		till 2005/06, with plug & 3-73	
3-71A	Power Cable	503032A1005	1	N/A		N/A		N/A	from 2004/05, with mold plug & 3-73A, till 2005/06, changet to 503032B1005	
		503122A1005	1		●		●		from 2006/07 with mold plug & stopper(D)	
3-71B		503032B1005	1	●		●		●	from 2006/07 with mold plug & 3-73B stopper(D), (S):from 2007/08	
3-72	Plug	50233201005	1	□		□		□	till 2003/04, except EP6J&8J	
3-73	Cable Stopper	502212A2028	1	□	□	□	□	□	EP6/8/KBE1JA230V: till 2003/04, 110V: till 2005/06, EP6J & 8J : from 1997/98	
3-73A		50305201002	1	N/A		N/A		N/A	from 2004/05 till 2005/06	
3-73B		50205201017	1	●	●	●	●	●	from 2006/2007(D) included in 3-71B, (S):from 2007/08	
3-74	Burner Packing	50298201016	1	●	●	●	●	●		
3-75	Nozzle Spanner	21022003-68	1	●	●	●	●	●		
3-77	Washer	21022003-45	2	□	□	□	□	□	till 2005/06, except EP6J&8J	
3-79	Air Vent Valve	21062003-67	1	●	●	●	●	●		
3-80	Return Line	50291201013	1	●	●	●	●	●		
3-81	Return Line Nipple	21300503-60	1	N/A	N/A	N/A	N/A	N/A	discontinued, changed to 50213201007	
		50213201007	1	●	●	●	●	●		
3-82	Rubber Cap	21021003-82	1	●	●	●	●	●	dia. 15	

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Part No.	PART NAME <BURNER>	CODE NO.	QTY /SET	EP6JA(EP6A)		EP8JA		KBE1JA	REMARKS	Optimum Volume
				230V	110V	230V	110V	230V		
3-83	Repair Set	50305203-83	1	●	●			●		
		50308203-83	1			●	●			
3-84	Phd Nipple	21021003-84	1	□		□	□	□	till 2003/04,except EP6J&8J	
3-89	O-Ring	21021003-13	1	●	●	●	●	●		
		50204201083	1	N/A	N/A	N/A	N/A	N/A	changed to 21021003-13	
3-90	Washer	213005003-6	1	●	●	●	●	●		
3-92	Noise Filter Assembly	50303201011	1		□		□		till 2005/06	
3-93	Electrode Nipple	21021003-93	2	●	●	●	●	●		
3-94	Nipple Fitting Nut	21300503-58	1	□	□	□	□	□	till 2005/06, except EP6J&8J	
3-94A		50306201011	2	●	●	●	●	●	from 2006/07	
3-97	Burner Control Cover	22215030013	1	●	●	●	●	●		
3-98	Jack	50306201002	1	□	□	□	□	□	except EP6A, till 2005/06	
3-99	Face Plate Bracket	21300503-72	1	□	□	□	□	□	till 2006/07(J lot)	
3-100	Changeover Switch	50308101002	1			●	●			
3-101	Thermostat Connector	50306201007	1	●	●	●	●	●	from 2006/07 till 2013	
3-101A※	Thermostat Connector With Pin	50306201019	1	●	●	●	●	●	from D-010100 & 2014(B lot)	
3-102	Control Support	50229201037	4	●	●	●	●	●		
3-103	Cord Protection Packing	50229201041	1	●	●	●	●	●		
Option※	Strainer Heater	50313101003		N/A		N/A		N/A	from 2006/07till 2009 changed to 50313180001	
		50313180001		●		●		●	from 2011(E-01), available as optional part	
Option※	Shielding Mat(10Pieces Pack)	50300205001		●	●	●	●	●		
Option※	Thermostat Connector Cap	50306204001		●	●	●	●	●	from D-010100 & 2014(B lot)	

※not shown in drawing