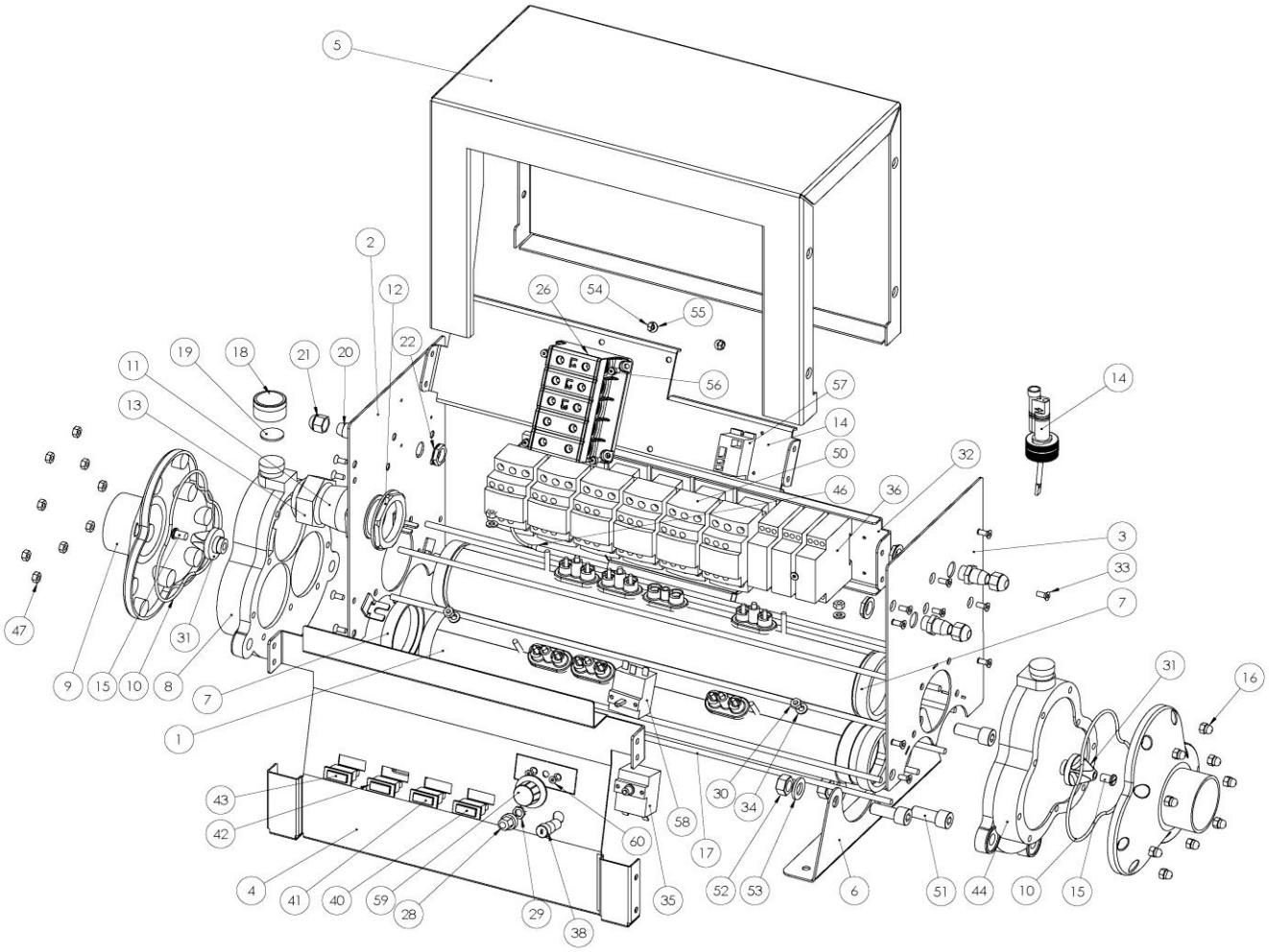
Vulcan

V-100

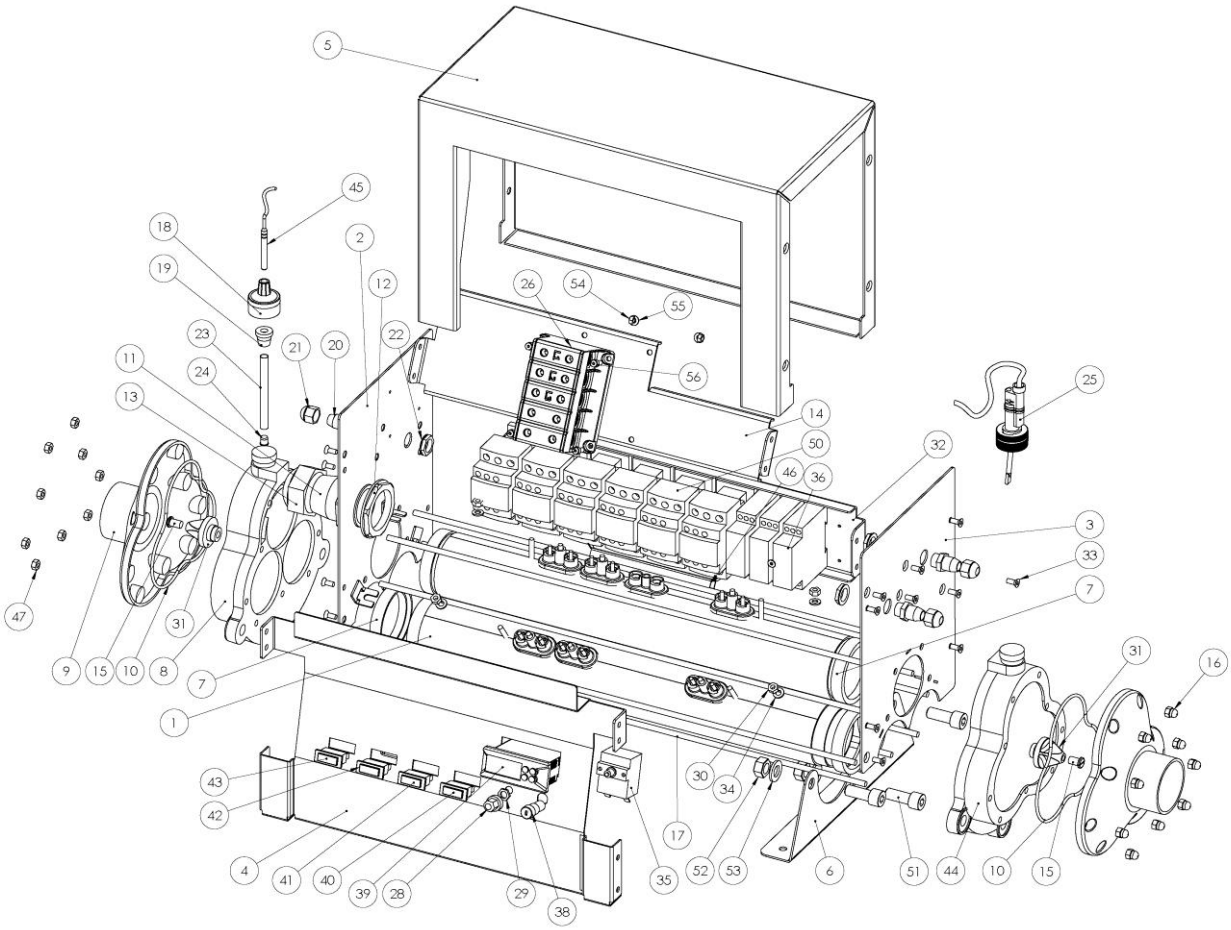
SPARE PART LISTS

V-100 Analogue



Item No.:	Description:	Pcs/Unit:	Part Code:	GBP RRP (£)	EUR RRP (€)	USD RRP ($)
1	Flow tube	3	See Tab. 3	-	-	-
2	Left Hand End Panel PG36 18 to 54-kW	1	Z-SMW-BEGCP-36	59.82	68.80	83.75
	Left Hand End Panel PG48 60 & 72-kW		Z-SMW-BEGCP-48	59.82	68.80	83.75
3	Right Hand End Panel	1	Z-SMW-BFSCP	51.87	59.65	72.61
4	B100 Front Cover	2	U-SMW-BFC-D	135.66	156.01	189.92
5	Cabinet / Top	1	Z-SMW-BCAB	141.22	162.40	197.71
6	Stainless Steel Foot	1	Z-SMW-FOOT	83.03	95.48	116.24
7	HNBR Flow Tube Gasket	6	SP-HE-GSK	31.98	36.77	44.77
8	Inlet (Left) Manifold	1	Z-IM-MF-CL	46.31	53.25	64.83
9	Manifold Cover	1	Z-IM-MF-CVR	14.33	16.48	20.06
10	Manifold O-Ring	1	Z-ORS-MANI	9.38	10.79	13.14
11	PG36 Cable Entry Gland With Back Nut	1	Z-CON-CEG-PG36BK	14.89	17.13	20.85
12	or		or	or	or	or
13	PG48 Cable Entry Gland With Back Nut		Z-CON-CEG-PG48BK	24.53	28.21	34.34
14	Terminal Block Cross Rail Small	1	Z-SMW-BTBB	38.61	44.40	54.05
15	M8 x 12-mm S/S Slot Pan Screw	2	Z-FIX-M8X12	8.01	9.21	11.21
16	M6 Cap Nut	9	Z-FIX-M6CAP	5.81	6.69	8.14
17	M6 Tie Bar	9	Z-STU-604	12.14	13.96	16.99
18	Blanking Cap	1	Z-IM-HE-BC	7.19	8.27	10.07
19	24-mm OD Disc / Coin Gasket	1	Z-HEC-CG	1.63	1.88	2.28
20+21+22	PG9 Cable Entry Gland With Back Nut	2	Z-CON-CEG-PG9BK	8.26	9.50	11.57
25	Flow Switch	1	SP-107-D	42.74	49.15	59.83
26	Terminal Block	1	U-TB-230A	139.84	160.82	195.78
28	Thermal Cut Out Cover (Black)	1	Z-MIS-HLS-CVR	8.01	9.21	11.21
29	Thermal Cut Out Nut M8	1	Supplied with no.35	-	-	-
30	M6 S/S Full Hex Nut	12	Z-FIX-M6HEX	5.81	6.69	8.14
31	Manifold Diffuser	2	Z-IM-MF-DIF	6.32	7.27	8.85
32	DIN Rail Cross Rail Small	1	Z-SMW-BDRB	35.85	41.23	50.19
33	M5x20 mm Countersunk Screw		Z-FIX-M5X20CS	5.81	6.69	8.14
34	M6 Flat Washer	12	Z-FIX-M6FW	5.81	6.69	8.14
35	Safety Thermal Cut Out (Manual Reset)	1	SP-MIS-HLS	51.31	59.00	71.83
36	OMRON Delay Timer	2 or 3	See Tab.4	-	-	-
38	Fuse Holder	1	Z-MIS-FH	12.13	13.95	16.99
40	Amber Rectangular Neon Indicator Lamp	1	Z-MIS-NEON-AMB	12.13	13.95	16.99
41	Green Rectangular Neon Indicator Lamp	1	Z-MIS-NEON-GRN	12.13	13.95	16.99
42	Red Rectangular Neon Indicator Lamp	1	Z-MIS-NEON-RED	12.13	13.95	16.99
43	Green Rectangular Neon Indicator Lamp	1	Z-MIS-NEON-GRN	12.13	13.95	16.99
44	Outlet (Right) Manifold	1	Z-IM-MF-CR	46.31	53.25	64.83
46	Capillary Bulb Holder	1	X-SMW-HLS-CBH	8.01	9.21	11.21
47	M6 S/S Full Hex Nut	9	Z-FIX-M6HEX	5.81	6.69	8.14
50	SIEMENS Contactor	4 or 6	See Tab.5	-	-	-
51	M12 Socked Head Screw	6	Z-FIX-M12X30SC	8.01	9.21	11.21
52	M12 Hex Nut	6	Z-FIX-M12HEX	8.01	9.21	11.21
53	M12 Flat Waser	6	Z-FIX-M12FW	8.01	9.21	11.21
54	M5 Flat Washer	4	Z-FIX-M5FW	5.81	6.69	8.14
55	M5 Hex Nut	4	Z-FIX-M5HEX	5.81	6.69	8.14
56	M5 Socket Head Screw	4	Z-FIX-M5X20SC	5.81	6.69	8.14
57	Suface Mount Mini Relay	1	Z-MIS-SMMR	49.62	57.07	69.47
58	Heat Exchanger EGO Analogue Control Stat 0>45C	1	Z-MIS-HE-CS	46.05	52.96	64.47
59	Control Thermostat Dial 0>45C	1	Z-MIS-CS-45-DIAL	3.88	4.46	5.43
60	M4 x 6-mm S/S CSK Socket	2	Z-FIX-M4X6CS	1.63	1.88	2.28

V-100 Digital



Item No.:	Description:	Pcs/Unit:	Part Code:	GBP RRP (£)	EUR RRP (€)	USD RRP ($)
1	Flow tube	3	See Tab. 3	-	-	-
2	Left Hand End Panel PG36 18 to 54-kW	1	Z-SMW-BEGCP-36	59.82	68.80	83.75
	Left Hand End Panel PG48 60 & 72-kW		Z-SMW-BEGCP	59.82	68.80	83.75
3	Right Hand End Panel	1	Z-SMW-BFSCP	51.87	59.65	72.61
4	B100 Front Cover	2	U-SMW-BFC-D	135.66	156.01	189.92
5	Cabinet / Top	1	Z-SMW-BCAB	141.22	162.40	197.71
6	Stainless Steel Foot	1	Z-SMW-FOOT	83.03	95.48	116.24
7	HNBR Flow Tube Gasket	6	SP-HE-GSK	31.98	36.77	44.77
8	Inlet (Left) Manifold	1	Z-IM-MF-CL	46.31	53.25	64.83
9	Manifold Cover	1	Z-IM-MF-CVR	14.33	16.48	20.06
10	Manifold O-Ring	1	Z-ORS-MANI	9.38	10.79	13.14
11	PG36 Cable Entry Gland With Back Nut	1	Z-CON-CEG-PG36BK	14.89	17.13	20.85
12	or		or	or	or	or
13	PG48 Cable Entry Gland With Back Nut		Z-CON-CEG-PG48BK	24.53	28.21	34.34
14	Terminal Block Cross Rail Small	1	Z-SMW-BTBB	38.61	44.40	54.05
15	M8 x 12-mm S/S Slot Pan Screw	2	Z-FIX-M8X12	8.01	9.21	11.21
16	M6 Cap Nut	9	Z-FIX-M6CAP	5.81	6.69	8.14
17	M6 Tie Bar	9	Z-STU-604	12.14	13.96	16.99
18	Thermostat Pocket Cap	1	Z-IM-HE-SPC	12.14	13.96	16.99
19	EPDM Ferrule	1	Z-IM-EL-FER	8.26	9.50	11.57
20+21+22	PG9 Cable Entry Gland With Back Nut	2	Z-CON-CEG-PG9BK	8.26	9.50	11.57
23	8.5-mm OD Titanium Thermostat Pocket	1	Z-TUB-Ti8.5-90	8.26	9.50	11.57
24	EPDM Thermostat Pocket Seal	1	Z-IM-GSK-BUNG	3.88	4.46	5.43
25	Flow Switch	1	SP-107-D	42.74	49.15	59.83
26	Terminal Block	1	U-TB-230A	139.84	160.82	195.78
28	Thermal Cut Out Cover (Black)	1	Z-MIS-HLS-CVR	8.01	9.21	11.21
29	Thermal Cut Out Nut M8	1	Supplied with no.35	-	-	-
30	M6 S/S Full Hex Nut	12	Z-FIX-M6HEX	5.81	6.69	8.14
31	Manifold Diffuser	2	Z-IM-MF-DIF	6.32	7.27	8.85
32	DIN Rail Cross Rail Small	1	Z-SMW-BDRB	35.85	41.23	50.19
33	M5x20 mm Countersunk Screw		Z-FIX-M5X20CS	5.81	6.69	8.14
34	M6 Flat Washer	12	Z-FIX-M6FW	5.81	6.69	8.14
35	Safety Thermal Cut Out (Manual Reset)	1	SP-MIS-HLS	51.31	59.00	71.83
36	OMRON Delay Timer	2 or 3	See Tab.4	-	-	-
38	Fuse Holder	1	Z-MIS-FH	12.14	13.96	16.99
39	Z31 Digital Thermostat	1	SP-MIS-Z31	159.68	183.63	223.55
40	Amber Rectangular Neon Indicator Lamp	1	Z-MIS-NEON-AMB	12.14	13.96	16.99
41	Green Rectangular Neon Indicator Lamp	1	Z-MIS-NEON-GRN	12.14	13.96	16.99
42	Red Rectangular Neon Indicator Lamp	1	Z-MIS-NEON-RED	12.14	13.96	16.99
43	Green Rectangular Neon Indicator Lamp	1	Z-MIS-NEON-GRN	12.14	13.96	16.99
44	Outlet (Right) Manifold	1	Z-IM-MF-CR	46.31	53.25	64.83
45	NTC Temperature Sensor	1	U-NTC-EP	41.11	47.27	57.55
46	Capillary Bulb Holder	1	X-SMW-HLS-CBH	8.01	9.21	11.21
47	M6 S/S Full Hex Nut	9	Z-FIX-M6HEX	5.81	6.69	8.14
50	SIEMENS Contactor	4 or 6	See Tab.5	-	-	-
51	M12 Socked Head Screw	6	Z-FIX-M12X30SC	8.01	9.21	11.21
52	M12 Hex Nut	6	Z-FIX-M12HEX	8.01	9.21	11.21
53	M12 Flat Waser	6	Z-FIX-M12FW	8.01	9.21	11.21
54	M5 Flat Washer	4	Z-FIX-M5FW	5.81	6.69	8.14
55	M5 Hex Nut	4	Z-FIX-M5HEX	5.81	6.69	8.14
56	M5 Socket Head Screw	4	Z-FIX-M5X20SC	5.81	6.69	8.14

Table 1. Replacement Tank Assembly

380-440V 3-Phase Power Output:	Ti Flow Tube with Ti Heating Element Part Code:	GBP RRP (£)	EUR RRP (€)	USD RRP ($)	Description:
18-kW	SP-TA-B-6-T	364.85	419.58	510.80	6-kW 500-mm Rep B100 Tank Assembly 400V
	SP-TA-B-6-380-T	364.85	419.58	510.80	6-kW 500-mm Rep B100 Tank Assembly 380V
	SP-TA-B-6-415-T	364.85	419.58	510.80	6-kW 500-mm Rep B100 Tank Assembly 415V
24-kW	SP-TA-B-8-T	378.11	434.83	529.36	8-kW 500-mm Rep B100 Tank Assembly 400V
	SP-TA-B-8-380-T	378.11	434.83	529.36	8-kW 500-mm Rep B100 Tank Assembly 380V
	SP-TA-B-8-415-T	378.11	434.83	529.36	8-kW 500-mm Rep B100 Tank Assembly 415V
30-kW	SP-TA-B-10-T	384.44	442.10	538.21	10-kW 500-mm Rep B100 Tank Assembly 400V
	SP-TA-B-10-380-T	384.44	442.10	538.21	10-kW 500-mm Rep B100 Tank Assembly 380V
	SP-TA-B-10-415-T	384.44	442.10	538.21	10-kW 500-mm Rep B100 Tank Assembly 415V
36-kW	SP-TA-B-12-T	389.39	447.79	545.14	12-kW 500-mm Rep B100 Tank Assembly 400V
	SP-TA-B-12-380-T	389.39	447.79	545.14	12-kW 500-mm Rep B100 Tank Assembly 380V
	SP-TA-B-12-415-T	389.39	447.79	545.14	12-kW 500-mm Rep B100 Tank Assembly 415V
45-kW	SP-TA-B-15-T	449.82	517.29	629.75	15-kW 500-mm Rep B100 Tank Assembly 400V
	SP-TA-B-15-380-T	449.82	517.29	629.75	15-kW 500-mm Rep B100 Tank Assembly 380V
	SP-TA-B-15-415-T	449.82	517.29	629.75	15-kW 500-mm Rep B100 Tank Assembly 415V
54-kW	SP-TA-B-18-T	454.77	522.98	636.67	18-kW 500-mm Rep B100 Tank Assembly 400V
	SP-TA-B-18-380-T	454.77	522.98	636.67	18-kW 500-mm Rep B100 Tank Assembly 380V
	SP-TA-B-18-145-T	454.77	522.98	636.67	18-kW 500-mm Rep B100 Tank Assembly 415V
60-kW	SP-TA-B-20-T	641.17	737.35	897.64	20-kW 500-mm Rep B100 Tank Assembly 400V
	SP-TA-B-20-380-T	641.17	737.35	897.64	20-kW 500-mm Rep B100 Tank Assembly 380V
	SP-TA-B-20-415-T	641.17	737.35	897.64	20-kW 500-mm Rep B100 Tank Assembly 415V
72-kW	SP-TA-B-24-T	653.87	751.95	915.42	24-kW 500-mm Rep B100 Tank Assembly 400V
	SP-TA-B-24-380-T	653.87	751.95	915.42	24-kW 500-mm Rep B100 Tank Assembly 380V
	SP-TA-B-24-415-T	653.87	751.95	915.42	24-kW 500-mm Rep B100 Tank Assembly 415V

Table 2. Replacement heating elements

380-440V 3-Phase Power Output:	Titanium Heating Element Part Code:	GBP RRP (£)	EUR RRP (€)	USD RRP ($)	Pcs/Unit:	Description:
18-kW	SP-EL-Ti2.8KW7T	131.27	150.97	183.78	6	2.8-kW Replacement Heating Element Kit
24-kW	SP-EL-Ti4KW7T	135.10	155.36	189.14	6	4-kW Replacement Heating Element Kit
30-kW	SP-EL-Ti5KW7T	148.10	170.32	207.35	6	5-kW Replacement Heating Element Kit
36-kW	SP-EL-Ti6KW7T	148.10	170.32	207.35	6	6-kW Replacement Heating Element Kit
45-kW	SP-EL-Ti5KW7T	142.85	164.28	199.99	9	5-kW Replacement Heating Element Kit
54-kW	SP-EL-Ti6KW7T	148.10	170.32	207.35	9	6-kW Replacement Heating Element Kit
60-kW	SP-EL-Ti6.7KW7T	154.43	177.59	216.20	9	6.7-kW Replacement Heating Element Kit
72-kW	SP-EL-Ti8KW7T	159.43	183.34	223.20	9	8-kW Replacement Heating Element Kit

Table 3. Replacement flow tubes

380-440V 3-Phase Power Output:	Titanium Flow Tube Part Code:	GBP RRP (£)	EUR RRP (€)	USD RRP ($)	Pcs/Unit:	Description:
18-kW	X-TUB-MTI500-2E	165.75	190.61	232.05	3	500-mm Replacement V100 Flow Tube
24-kW						
30-kW						
36-kW						
45-kW	X-TUB-MTI500-3E	165.75	190.61	232.05		
54-kW						
60-kW						
72-kW						

Table 4. Replacement timers

380-440V 3-Phase Power Output:	Product Code:	GBP RRP (£)	EUR RRP (€)	USD RRP ($)	Pcs/Unit:	Description:
18-kW	Z-OM-TIM	64.26	73.90	89.96	2	OMRON Delay Timer
24-kW					2	
30-kW					2	
36-kW					2	
45-kW					3	
54-kW					3	
60-kW					3	
72-kW					3	

Table 5. Replacement contactors

380-440V 3-Phase Power Output:	Product Code:	GBP RRP (£)	EUR RRP (€)	USD RRP ($)	Pcs/Unit:	Description:
18-kW	SP-SIE-2023-40A	74.66	85.86	104.5296	4	SIEMENS Contactor 2023 40Amp AC1
24-kW					4	
30-kW					4	
36-kW					4	
45-kW					6	
54-kW					6	
60-kW	SP-SIE-2027-50A	147.849	170.03	134.00	6	SIEMENS Contactor 2027 50Amp AC1
72-kW					6	

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SPLV61-EN-V100 Spare Parts List V4-01.01.2026-Vulcan