



Master BV500-13C

schemat

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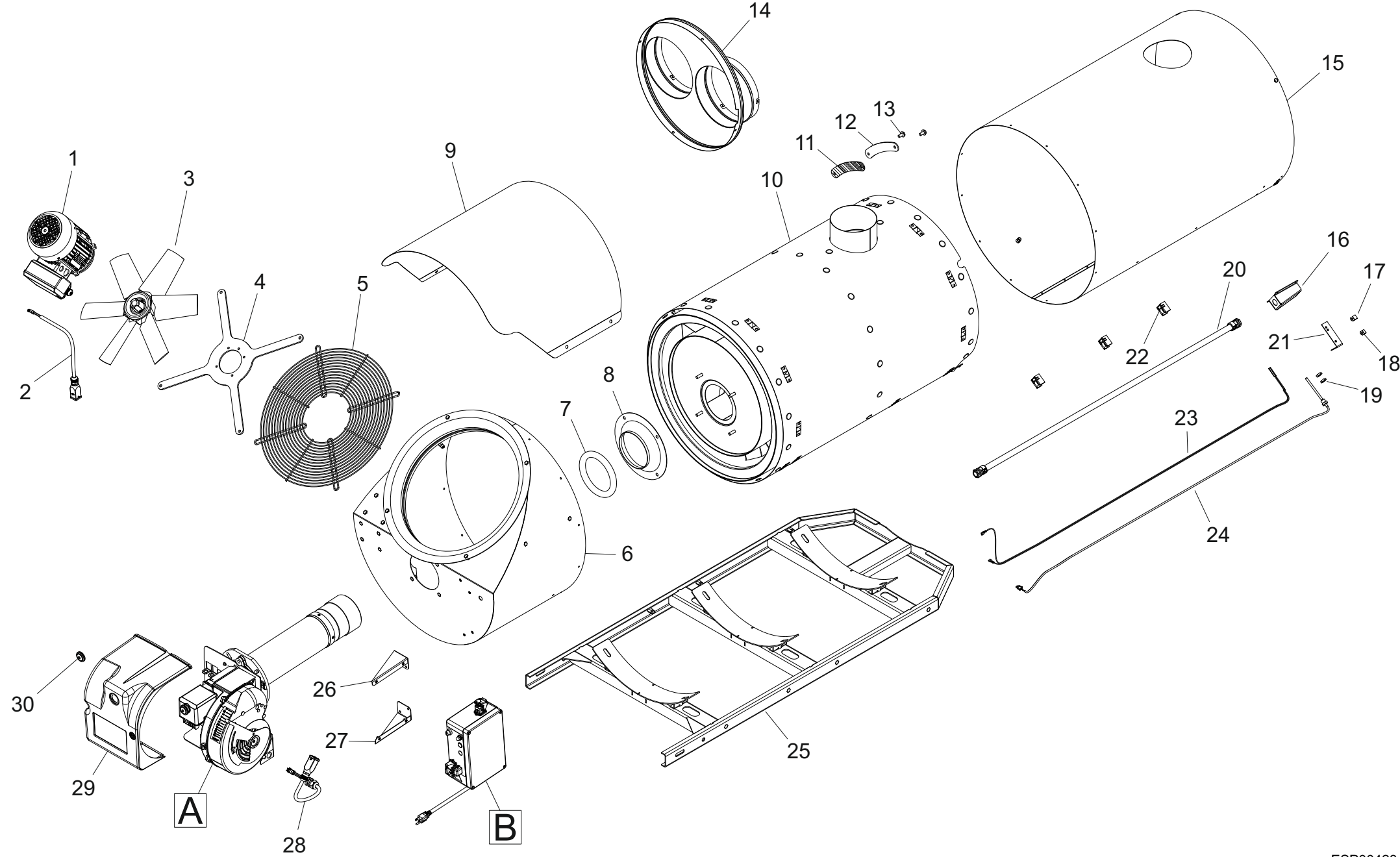
MODEL BV500 - 230 V / 50 Hz

UNIT 1

ILLUSTRATED PARTS BREAKDOWN

From Serial Number: 11237005990

Rev - - Sept. 2017



UNIT 2

PARTS LIST

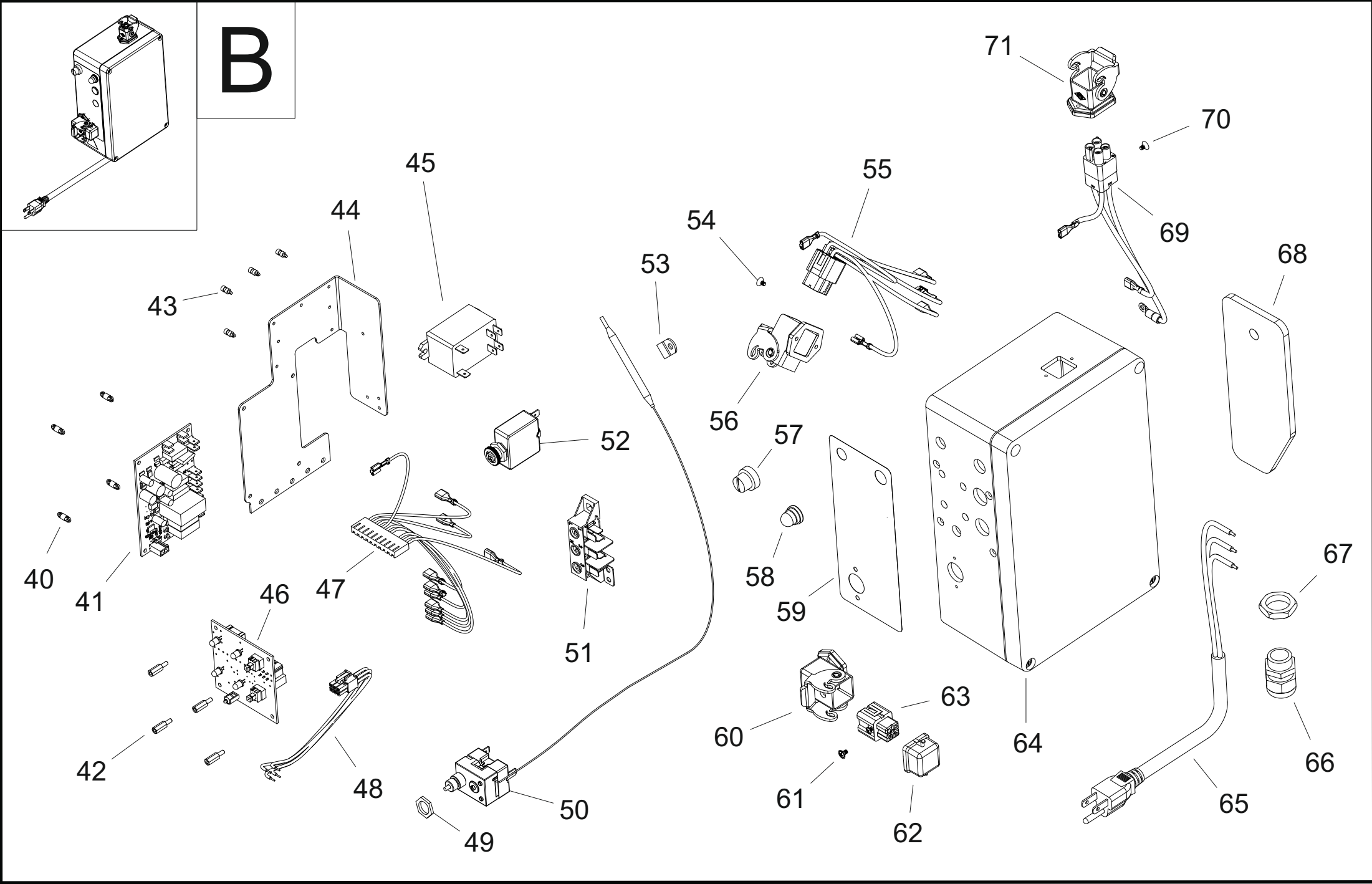
Rev.A - Sep. 2017

Pos.	Code N°	Description
1	4034.544	MOTOR (BV500 13)
2	4034.546	MOTOR POWER CORD (BV500 13)
3	4034.207	FAN (BV500 13)
4	4033.916	MOTOR FLANGE (BV500 13)
5	4033.627	MOTOR GRILLE
6	4034.409	MOTOR SUPPORT
7	4033.642	FIBER ROPE
8	4033.636	COMPENSATION FLANGE
9	4034.249	COVER
10	4033.601	COMBUSTION CHAMBER
11	4033.618	INSPECTION FIBER GASKET
12	4033.617	INSPECTION FLANGE
13	4117.183	SCREW
	4034.480	TWO WAY OUTLET PANEL
	4034.482	ONE WAY OUTLET PANEL
15	4033.971	EXTERNAL SHELL
16	4033.710	THERMOSTATS BOX
17	4033.879	CLIP
18	4033.700	CLIP
19	4033.644	NUT
20	4034.	

MODEL BV500 - 230 V / 50 Hz

UNIT 3

ILLUSTRATED PARTS BREAKDOWN



MODEL BV500 230 V - 50 Hz

UNIT 4

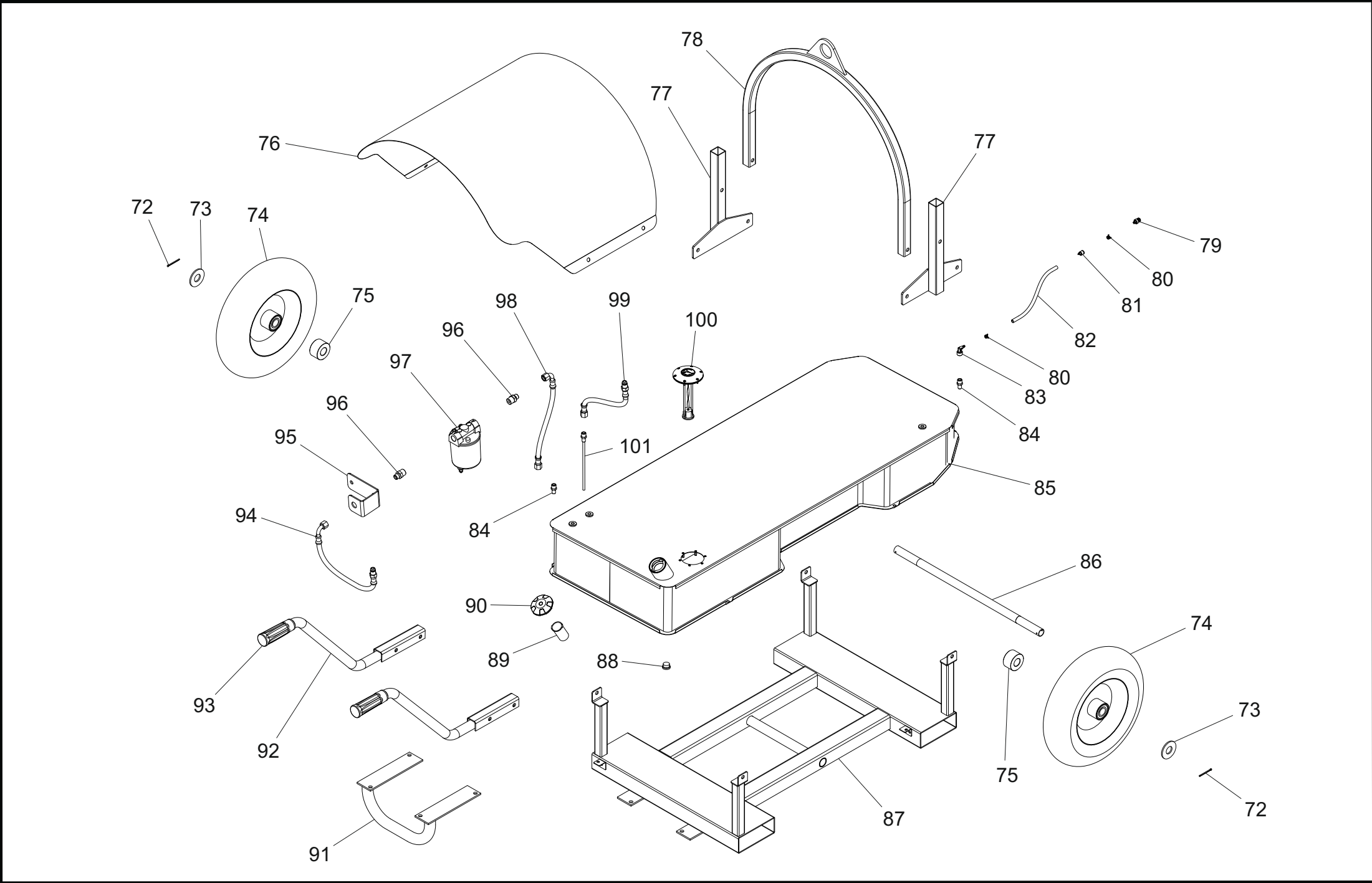
PARTS LIST

Pos.	Code N°	Description	Rev.A - Sep. 2017
40	4033.786	SPACER	
41	4034.540	PC-BOARD	
42	4034.405	SPACER	
43	4033.770	SPACER	
44	4034.404	CONTROL PANEL BRACKET	
45	4033.430	RELAY	
46	4034.582	LED PC-BOARD	
47	4034.552	LED PC-BOARD WIRES KIT	
48	4034.554	ROOM THERMOSTAT WIRES	
49	4033.906	THERMOSTAT NUT	
50	4033.789	SAFETY THERMOSTAT	
51	4034.400	TERMINAL BLOCK	
52	4034.266	AUTOMATIC SWITCH	
53	4033.700	CLIP	
54	4034.501	IP SCREW	
55	4034.553	BURNER WIRES KIT	
56	4034.500	90° SOCKET	
57	4033.905	THERMOSTAT CAP	
58	4034.559	LIGHT CAP	
59	4034.403	CONTROL PANEL LABEL	
60	4160.647	ROOM THERMOSTAT SOCKET	
61	4034.501	IP SCREW	
62	4162.467	ROOM THERMOSTAT CAP	
63	4161.400	ROOM THERMOSTAT PLUG	
64	4034.401	COMPLETE CONTROL PANEL BOX	
65	4034.311	POWER CORD	
66	4150.528	POWER CORD HOLDER	
67	4100.656	NUT	
68	4034.556	CONTROL BOX GASKET	
69	4034.515	KIT WIRES FOR MOTOR	
70	4034.501	IP SCREW	
71	4034.513	SOCKET	

MODEL BV500 - 230 V / 50 Hz

UNIT 5

ILLUSTRATED PARTS BREAKDOWN



MODEL BV500 - 230 V - 50 Hz

UNIT 6

PARTS LIST

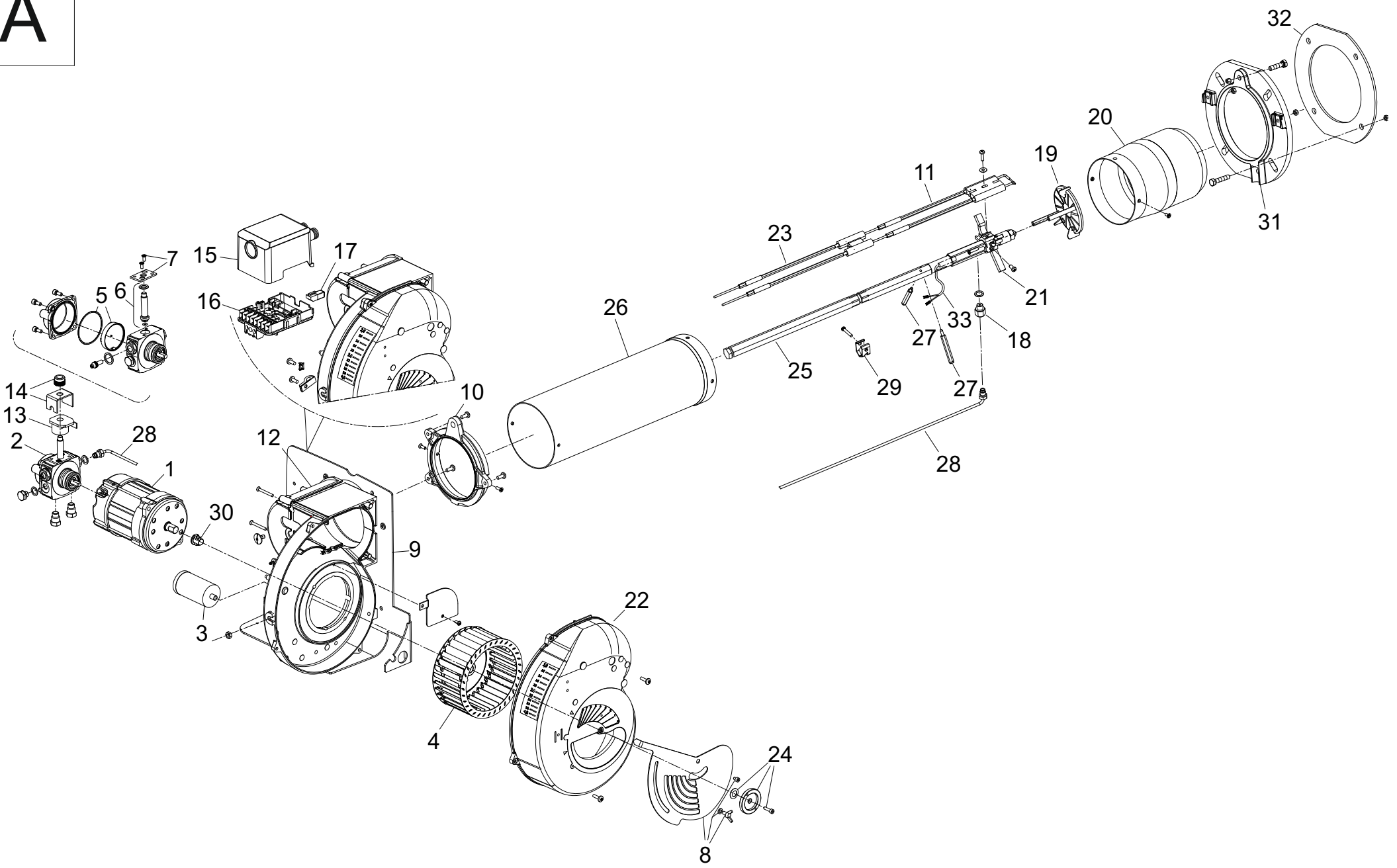
Pos.	Code N°	Description	<i>Rev.A - Sept. 2017</i>
72	4034.214	COTTER PIN	
73	4034.213	WASHER	
74	4034.211	PNEUMATIC WHEEL	
75	4033.470	BUSHING	
76	4034.249	COVERING ROOF	
77	4034.747	LIFTING FOOT	
78	4034.751	LIFTING ARCH	
79	4260.246	BREATHE VALVE	
80	4110.159	BIFILAR CLIP	
81	4034.309	CLIP	
82	4110.395	RUBBER PIPE	
83	4034.308	90° CONNECTION	
84	4031.068	STRAIGHT CONNECTION	
85	4033.994	TANK	
86	4033.467	AXLE	
87	4033.443	CHASSIS	
88	4032.813	DRAIN PLUG	
89	4033.999	FUEL FILTER	
90	4033.992	TANK CAP	
91	4033.455	CHASSIS FOOT	
92	4033.451	HANDLE	
93	4034.210	PLASTIC HANDLE	
94	4031.061	FUEL PIPE FILTER-BURNER	
95	4033.997	FILTER BRACKET	
96	4034.378	STRAIGHT CONNECTION	
97	4034.317	FUEL FILTER	
98	4034.253	FUEL PIPE TANK-FILTER	
99	4034.300	FUEL PIPE BURNER-TANK	
100	4034.254	FUEL GAUGE	
101	4034.252	SUCTION PIPE	

MODEL BV500 - 230 V / 50 Hz

UNIT 7

ILLUSTRATED PARTS BREAKDOWN

A



MODEL BV500 230 V - 50 Hz

UNIT 8

PARTS LIST

Pos.	Code N°	Description	Rev.A - Sept. 2017
1	4614.328	MOTOR	
2	4614.270	PUMP	
3	4614.329	CAPACITOR	
4	4614.043	FAN	
5	4614.044	FILTER	
6	4614.047	NEEDLE VALVE	
7	4614.272	PLATE	
8	4614.292	AIR DAMPER	
9	4614.302	FRONT SHIELD	
10	4614.295	COLLAR	
11	4034.196	ELECTRODE	
12	4614.297	COVER	
13	4614.037	COIL	
14	4614.055	SHELL AND KNOB	
15	4614.102	CONTROL BOX	
16	4614.056	TERMINAL BOARD	
17	4614.051	CELL CONNECTOR	
18	4034.197	CONNECTOR	
19	4034.198	END RING AND DIFFUSER DISK	
20	4614.320	BLAST TUBE	
21	4034.199	CROSS	
22	4614.318	AIR INTAKE	
23	4034.400	INSULATOR	
24	4614.309	SUPPORT FOR AIR DAMPER	
25	4614.308	EXTENSION SLIDE	
26	4614.299	END CONE	
27	4614.307	SPACER	
28	4034.401	TUBE	
29	4614.041	ELECTRODE BRACKET	
30	4614.021	JOINT	
31	4614.016	FLANGE	
32	4614.061	FLANGE GASKET	
33	4614.330	NOZZLE HOLDER ASS.Y	

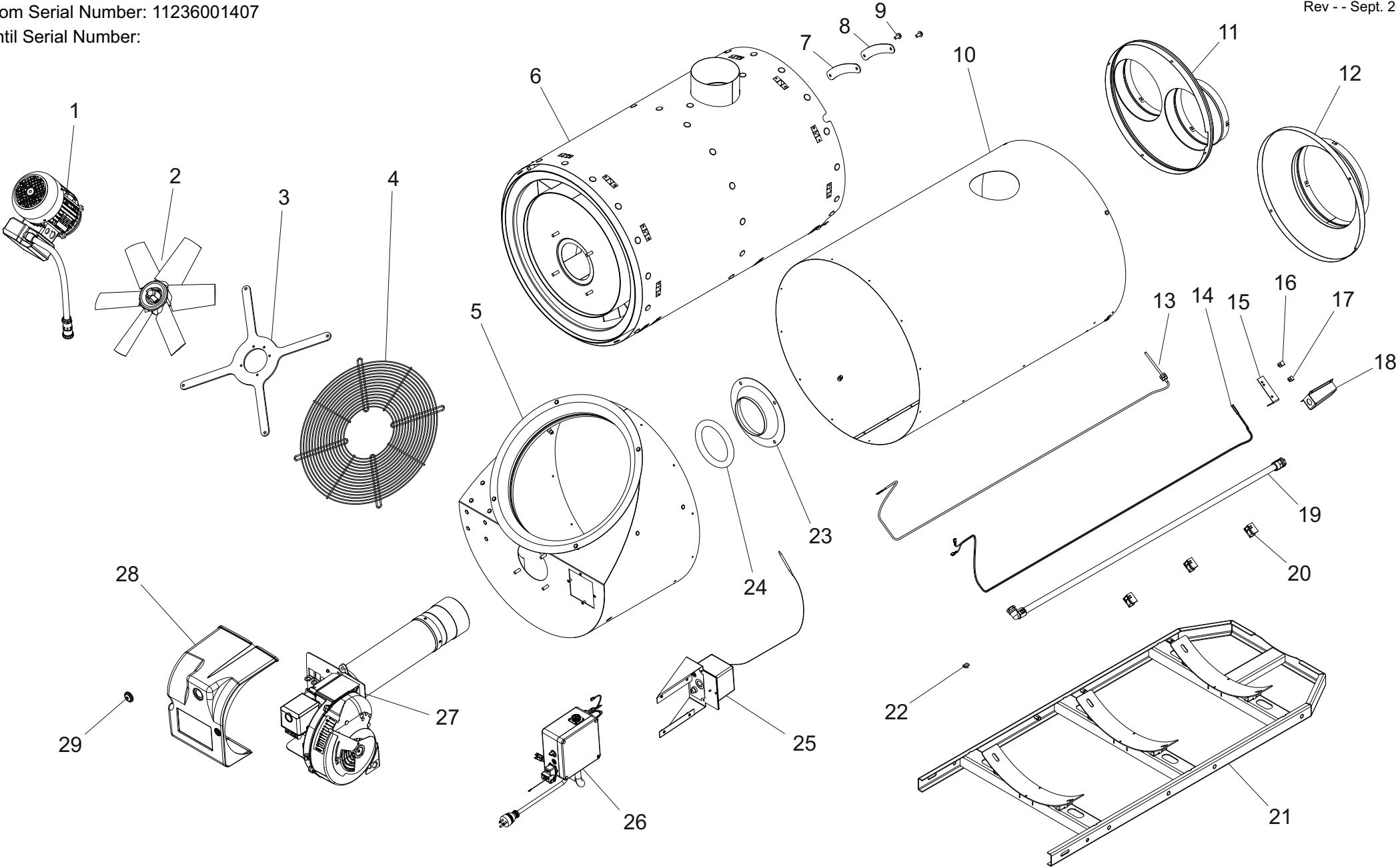
MODEL BV500 - 230 V / 50 Hz

UNIT 1

ILLUSTRATED PARTS BREAKDOWN

From Serial Number: 11236001407
Until Serial Number:

Rev -- Sept. 2016



UNIT 2

PARTS LIST

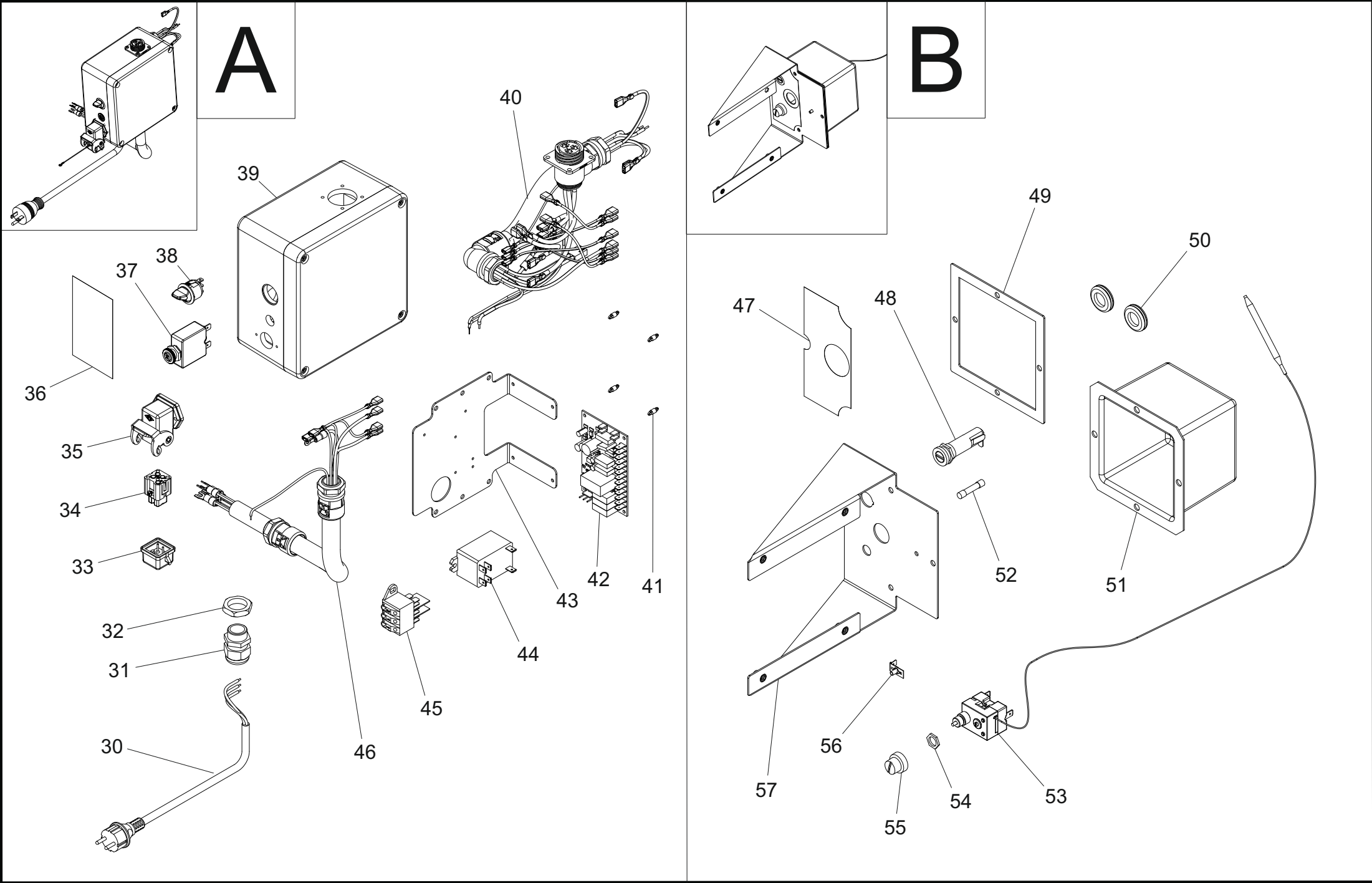
Rev. - - Sept. 2016

Pos.	Code N°	Description
1	4034.205	MOTOR
2	4034.207	FAN
3	4033.916	MOTOR FLANGE
4	4033.627	MOTOR GRILLE
5	4033.972	MOTOR SUPPORT
6	4033.601	COMBUSTION CHAMBER
7	4033.618	INSPECTION GASKET
8	4033.617	INSPECTION FLANGE
9	4117.183	SCREW
10	4033.971	VARNISHED SHELL
11	403	

MODEL BV500 - 230 V / 50 Hz

UNIT 3

ILLUSTRATED PARTS BREAKDOWN



MODEL BV500 230 V - 50 Hz

UNIT 4

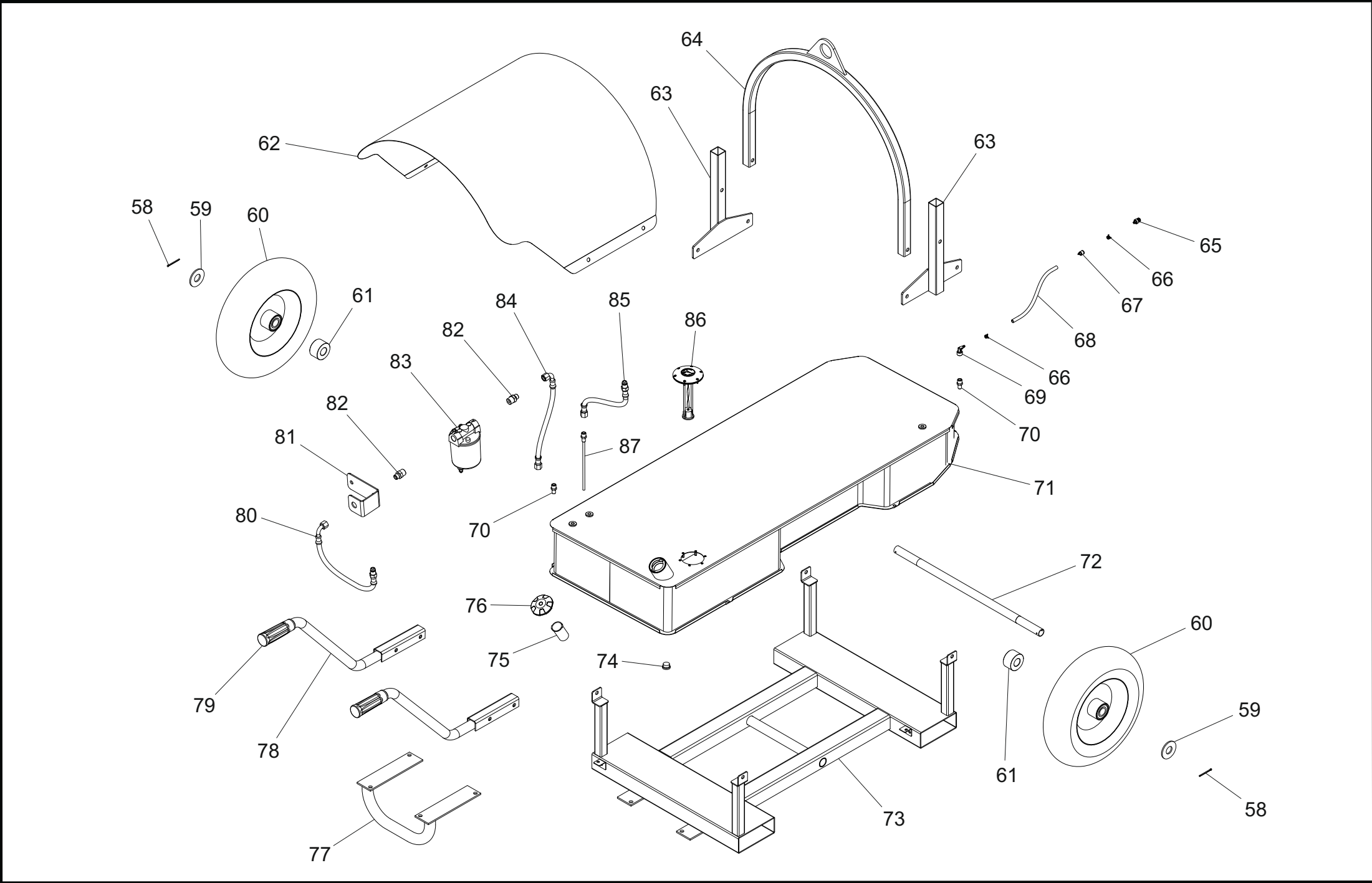
PARTS LIST

Pos.	Code N°	Description	Rev. - - Sept. 2016
30	4034.224	POWER CORD	
31	4150.528	STRAIN RELIEF BUSHING	
32	4100.656	NUT	
33	4033.520	THERMOSTAT CAP	
34	4161.400	THERMOSTAT PLUG	
35	4033.519	THERMOSTAT SOCKET 90°	
36	4034.263	CONTROL BOX LABEL	
37	4034.266	THERMAL CIRCUIT BREAKER	
38	4034.223	SWITCH	
39	4033.419	CONTROL BOX	
40	4033.418	WIRES KIT	
41	4033.786	SPACER	
42	4033.421	PC-BOARD	
43	4033.477	BRACKET	
44	4034.225	RELAY	
45	4033.771	TERMINAL BOX	
46	4033.423	BURNER WIRES KIT	
47	4034.262	LABEL	
48	4033.504	FUSE HOLDER	
49	4033.784	BOX RUBBER	
50	4162.500	CABLE PROTECTION	
51	4033.785	PLASTIC BOX	
52	4033.526	FUSE	
53	4033.789	MANUAL RESET THERMOSTAT	
54	4033.906	NUT	
55	4033.905	CAP	
56	4160.548	GROUND RIVET	
57	4033.475	BRACKET	

MODEL BV500 - 230 V / 50 Hz

UNIT 5

ILLUSTRATED PARTS BREAKDOWN



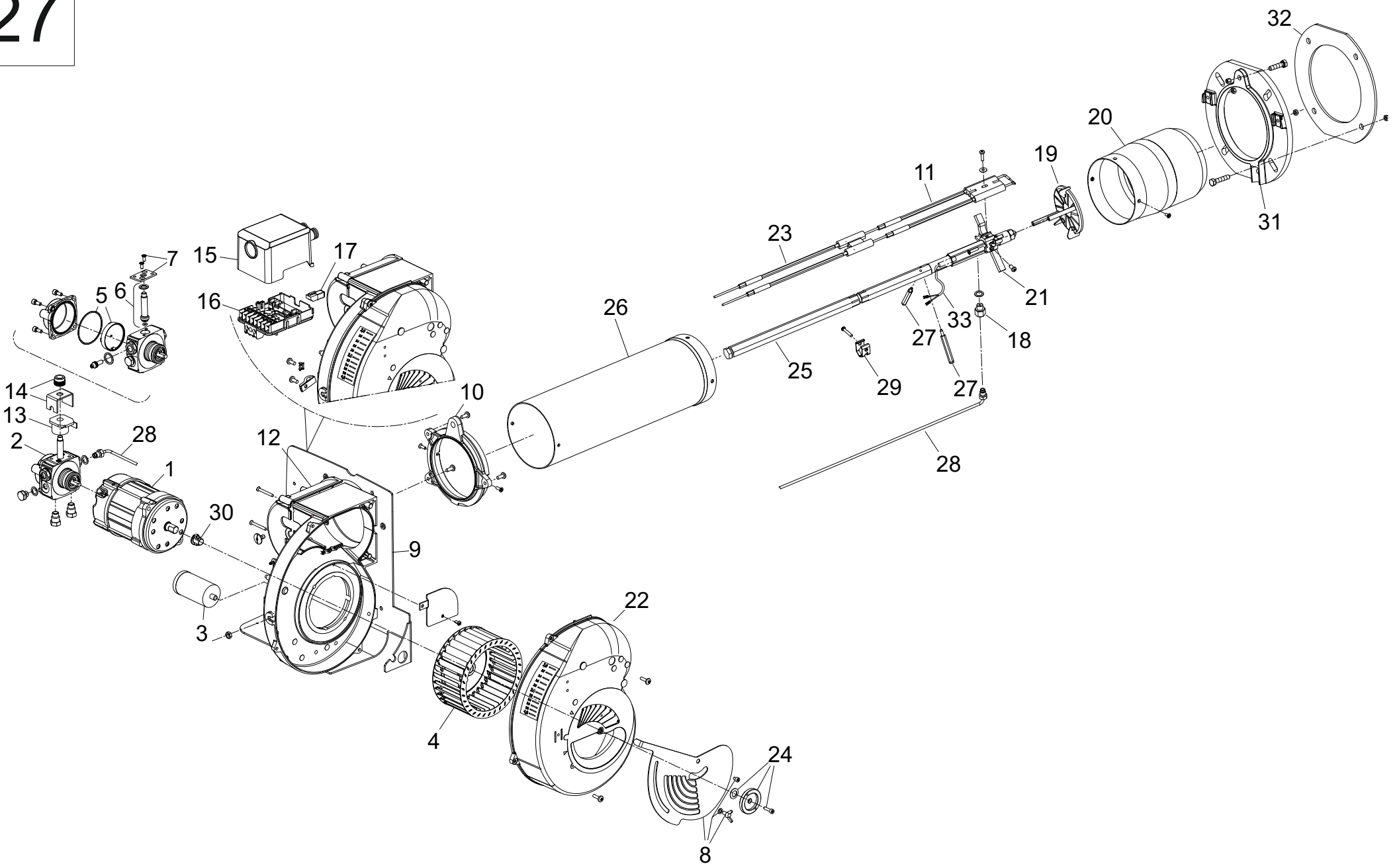
UNIT 6

PARTS LIST

Rev. - - Sept. 2016

Pos.	Code N°	Description
58	4034.214	COTTER PIN
59	4034.213	WASHER
60	4034.211	PNEUMATIC WHEEL
61	4033.470	BUSHING
62	4034.249	COVERING ROOF
63	4033.459	LIFTING FOOT
64	4033.463	LIFTING ARCH
65	4260.246	BREATHE VALVE
66	4110.159	BIFILAR CLIP
67	4034.309	CLIP
68	4110.395	RUBBER PIPE
69	4034.308	90° CONNECTION
70	4031.068	STRAIGHT CONNECTION
71	4033.994	TANK
72	4033.467	AXLE
73	4033.443	CHASSIS
74	4032.813	DRAIN PLUG
75	4033.999	FUEL FILTER
76	4033.992	TANK CAP
77	4033.455	CHASSIS FOOT
78	4033.451	HANDLE
79	4034.210	PLASTIC HANDLE
80	4031.061	FUEL PIPE FILTER-BURNER
81	4033.997	FILTER BRACKET
82	403	

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MODEL BV500 230 V - 50 Hz

UNIT 8

PARTS LIST

Pos.	Code N°	Description	Rev. - - Sept. 2016
1	4614.328	MOTOR	
2	4614.270	PUMP	
3	4614.329	CAPACITOR	
4	4614.043	FAN	
5	4614.044	FILTER	
6	4614.047	NEEDLE VALVE	
7	4614.272	PLATE	
8	4614.292	AIR DAMPER	
9	4614.302	FRONT SHIELD	
10	4614.295	COLLAR	
11	4034.196	ELECTRODE	
12	4614.297	COVER	
13	4614.037	COIL	
14	4614.055	SHELL AND KNOB	
15	4614.102	CONTROL BOX	
16	4614.056	TERMINAL BOARD	
17	4614.051	CELL CONNECTOR	
18	4034.197	CONNECTOR	
19	4034.198	END RING AND DIFFUSER DISK	
20	4614.320	BLAST TUBE	
21	4034.199	CROSS	
22	4614.318	AIR INTAKE	
23	4034.400	INSULATOR	
24	4614.309	SUPPORT FOR AIR DAMPER	
25	4614.308	EXTENSION SLIDE	
26	4614.299	END CONE	
27	4614.307	SPACER	
28	4034.401	TUBE	
29	4614.041	ELECTRODE BRACKET	
30	4614.021	JOINT	
31	4614.016	FLANGE	
32	4614.061	FLANGE GASKET	
33	4614.330	NOZZLE HOLDER ASS.Y	



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