



INDIRECT FIRED FORCED AIR HEATER

SCHEMATIC



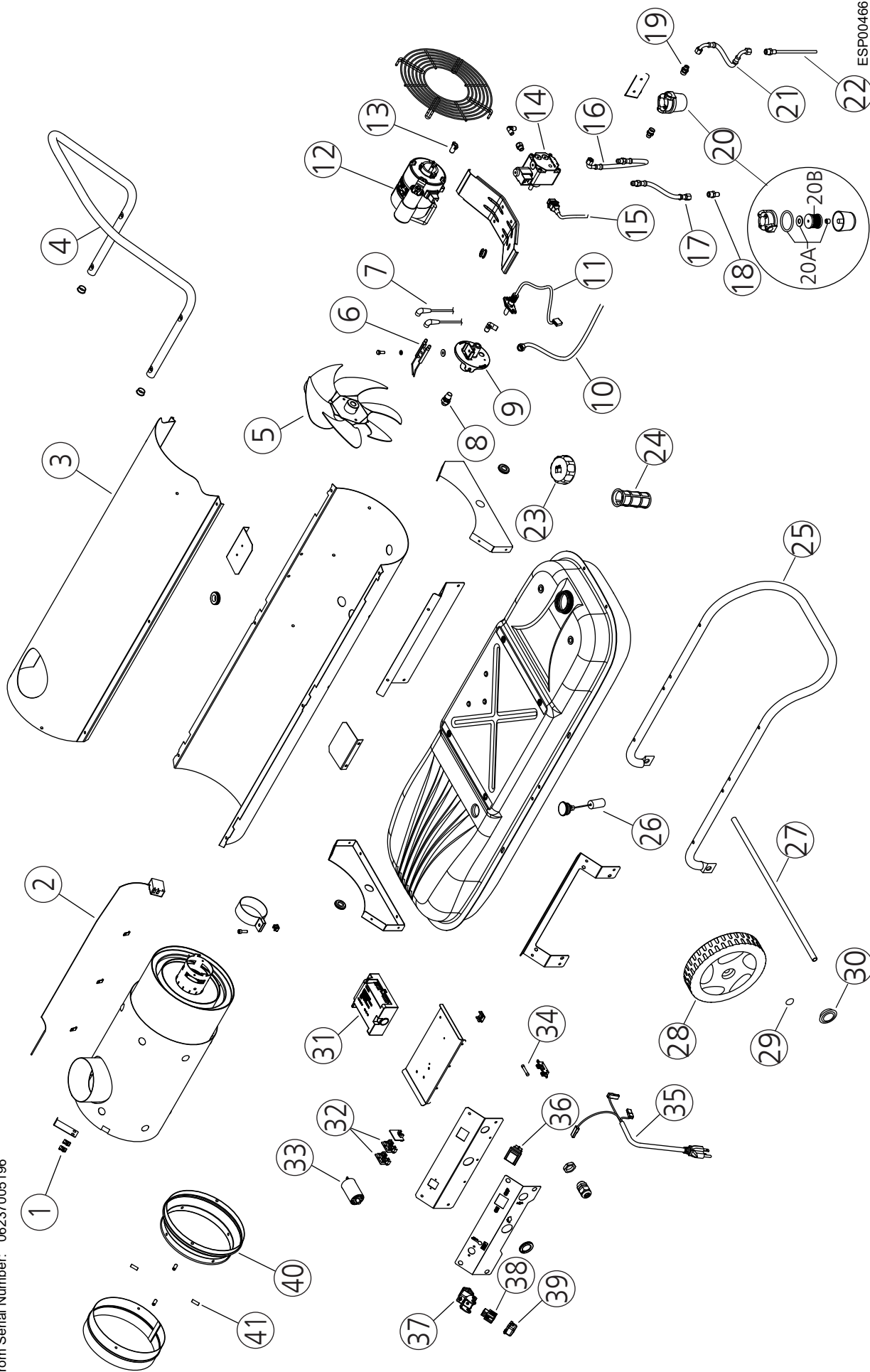
Model
HSP-70ID, 100ID, 200ID, 300ID

MODEL HSP70ID

UNIT 1

ILLUSTRATED PARTS BREAKDOWN

From Serial Number: 06237005196



ESP00466

MODEL HSP70ID

UNIT 2

PARTS LIST

#	P/N	PART DESCRIPTION
1	51076	THERMOSTAT BULB CLIP
2	51073	SAFETY THERMOSTAT
3	51327	UPPER SHELL
4	51326	HANDLE
5	51056	FAN
6	51059	BIFILAR ELECTRODE
7	51306	HIGH TENSION WIRES
8	51013	NOZZLE
9	51529	COMBUSTION HEAD
10	51061	FUEL LINE-PUMP-NOZZLE
11	51307	PHOTOCELL SENSOR
12	51079	MOTOR
13	51157	MOTOR COUPLING
14	51075	PUMP
15	51515	PUMP POWER CORD
16	51488	FUEL LINE - PUMP-FILTER
17	51489	FUEL LINE - PUMP-TANK
18	51009	STRAIGHT CONNECTION
19	51137	NIPPLE, CONNECTOR
20	51058	FUEL FILTER
20a	51269	FILTER KIT
20b	51270	FILTER CARTRIDGE

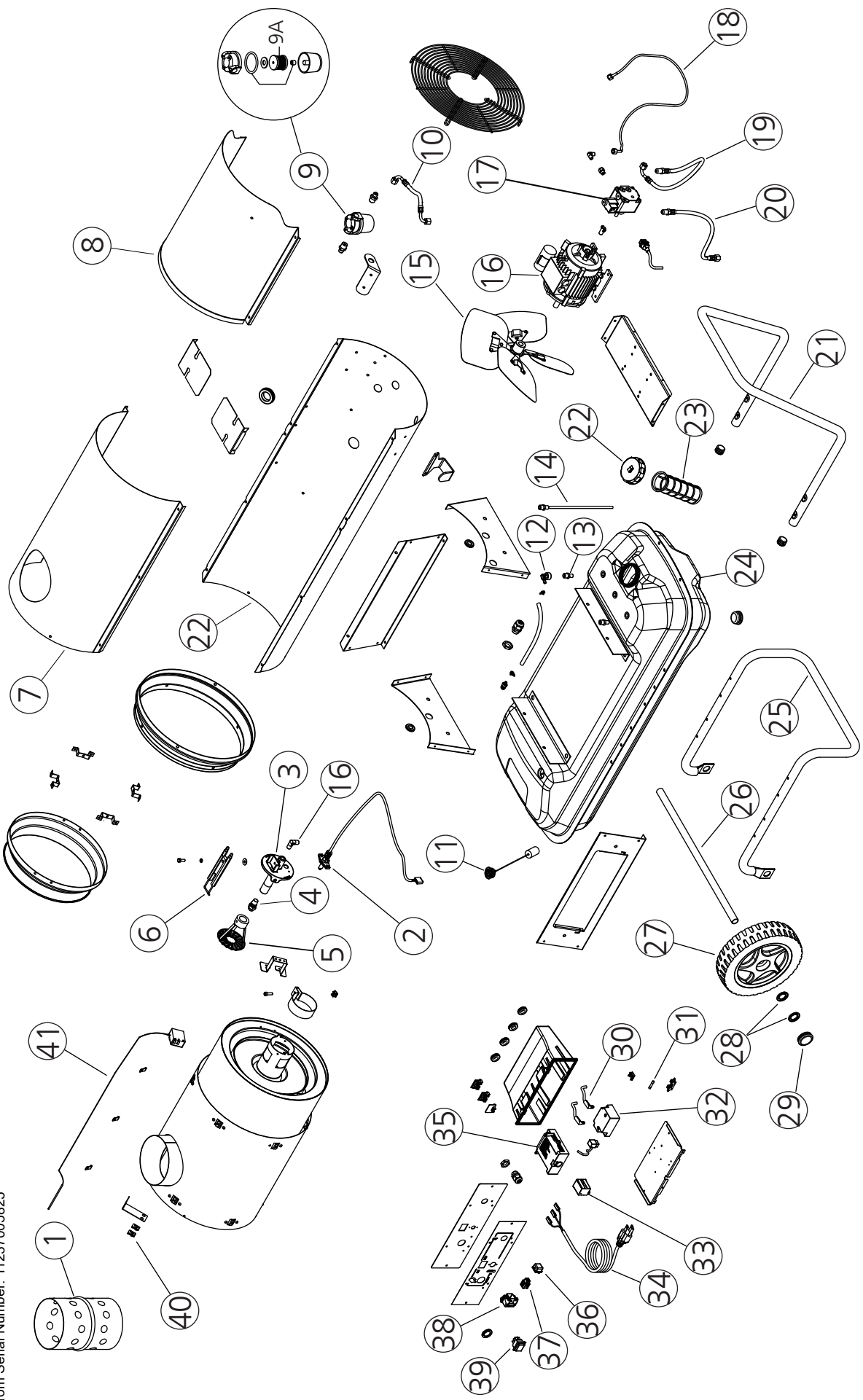
#	P/N	PART DESCRIPTION
21	51007	FUEL LINE - FILTER-TANK(return line)
22	51526	SUCTION LINE-IN-TANK
23	51309	TANK CAP
24	51243	TANK FILTER
25	51505	WHEELS SUPPORT
26	51507	FUEL GAUGE
27	51325	WHEELS AXLE
28	51310	WHEEL
29	51311	WHEEL BLOCK WASHER
30	51324	WHEEL CAP
31	51011	PC-BOARD
32	51312	TERMINAL BLOCK
33	51313	CAPACITOR
34	51104	FUSE
35	51534	POWER CORD NEMA
36	51194	SWITCH
37	51190	ROOM THERMOSTAT SOCKET
38	51191	ROOM THERMOSTAT PLUG
39	51193	ROOM THERMOSTAT CUP
40	51514	OUTLET CONE
41	51532	SPACER

MODEL HSP100ID

UNIT 1

ILLUSTRATED PARTS BREAKDOWN

From Serial Number: 11237005825



MODEL HSP100ID

UNIT 3

PARTS LIST

#	P/N	PART DESCRIPTION
1	51018	CHIMNEY
2	51064	PHOTOCELL SENSOR
3	51530	BURNER HEAD
4	51000	NOZZLE
5	51057	BURNER HEAD DIFFUSER
6	51159	BIFILAR ELECTRODES
7	51322	UPPER SHELL
8	51323	UPPER SHELL - MOBILE
9	51315	FUEL FILTER
9a	51520	FILTER CARTRIDGE
10	51007	FUEL LINE-FILTER TANK
11	51229	FUEL GUAGE
12	51143	90° AIR CONNECTION
13	51009	STRAIGHT CONNECTION
14	51008	SUCTION LINE-IN-TANK
15	51053	FAN
16	51078	MOTOR
17	51075	PUMP
18	51060	FLEX. FUEL LINE-PUMP-NOZZLE
19	51005	FUEL LINE - PUMP-FILTER
20	51006	FUEL LINE - PUMP-TANK

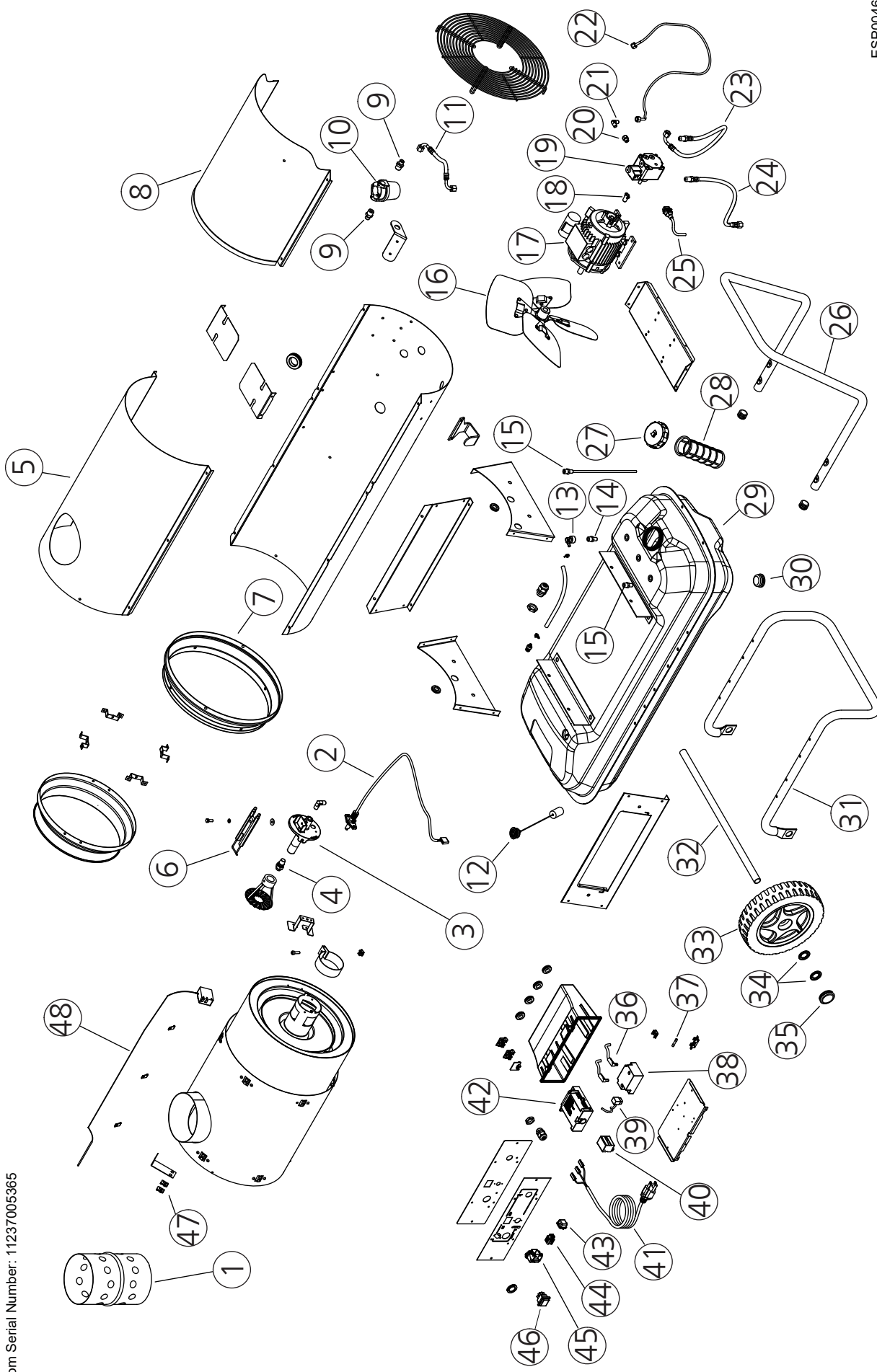
#	P/N	PART DESCRIPTION
21	51320	HANDLE
22	51134	TANK CAP
23	51242	TANK FILTER
24	51524	TANK,HSP100ID,HSP200ID
25	51491	WHEELS SUPPORT
26	51038	WHEELS AXLE
27	51016	WHEEL
28	51156	BLOCK WASHER
29	51158	WHEEL CAP
30	51071	HIGH TENSION WIRES
31	51104	FUSE
32	51160	HIGH TENSION TRANSFORMER
33	51012	RELAY
34	51534	POWER CORD
35	51043	IGNITION MODULE (120V)
36	51193	THERMOSTAT CAP
37	51191	PLUG,ROOM,TSTAT
38	51190	THERMOSTAT SOCKET
39	51194	SWITCH
40	51076	THERMOSTAT BULB CLIP
41	51073	SAFETY THERMOSTAT

MODEL HSP200ID

UNIT 1

ILLUSTRATED PARTS BREAKDOWN

From Serial Number: 11237005365



MODEL HSP200ID

UNIT 3

PARTS LIST

#	P/N	PART DESCRIPTION
1	51018	CHIMNEY
2	51064	PHOTOCELL SENSOR
3	51530	BURNER HEAD
4	51001	NOZZLE
5	51321	UPPER SHELL
6	51159	BIFILAR ELECTRODES
7	51510	OUTLET CONE
8	51034	UPPER SHELL - MOBILE
9	51137	NIPPLE CONNECTOR
10	51315	FUEL FILTER
11	51007	FUEL LINE - FILTER TANK
12	51229	FUEL GAUGE
13	51143	90° AIR CONNECTION
14	51009	STRAIGHT CONNECTION
15	51008	SUCTION LINE-IN-TANK
16	51053	FAN
17	51316	MOTOR
18	51157	MOTOR PUMP COUPLING
19	51075	FUEL PUMP
20	51192	STRAIGHT FUEL CONNECTION
21	51063	90° FUEL CONNECTION
22	51060	FLEX. FUEL LINE-PUMP-NOZZLE
23	51005*	FUEL LINE - PUMP-FILTER
24	51006	FUEL LINE - PUMP-TANK

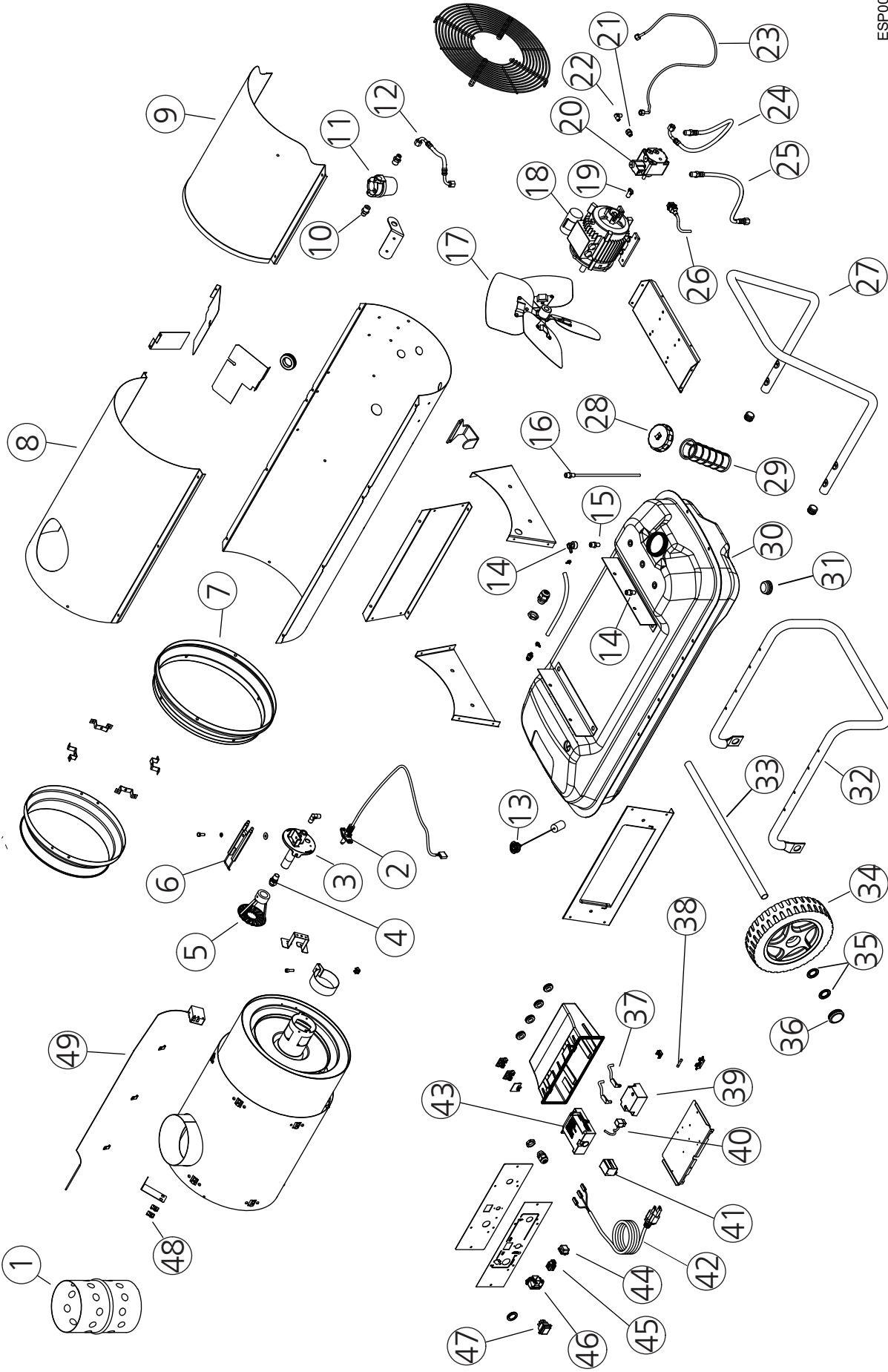
#	P/N	PART DESCRIPTION
25	51077	PUMP VALVE POWER CORD
26	51320	HANDLE
27	51134	TANK CAP
28	51242	TANK FILTER
29	51524	TANK
30	51146	TANK DRAIN CAP
31	51491	WHEELS SUPPORT
32	51038	WHEELS AXLE
33	51016	WHEEL
34	51156	BLOCK WASHER
35	51158	WHEEL CAP
36	51071	HIGH TENSION WIRE
37	51104	FUSE
38	51160	HIGH TENSION TRANSFORMER
39	51072	HIGH TENS. TRANS. PWR. CORD
40	51012	RELAY
41	51534	POWER CORD
42	51043	IGNITION MODULE (120V)
43	51193	THERMOSTAT CAP
44	51191	THERMOSTAT PLUG
45	51190	THERMOSTAT SOCKET
46	51194	SWITCH
47	51076	THERMOSTAT BULB CLIP
48	51492	SAFETY THERMOSTAT

MODEL HSP300ID

UNIT 1

ILLUSTRATED PARTS BREAKDOWN

From Serial Number: 11237005965



MODEL HSP300ID

UNIT 3

PARTS LIST

#	P/N	PART DESCRIPTION
1	51018	CHIMNEY
2	51064	PHOTOCELL SENSOR
3	51055	BURNER HEAD
4	51535	NOZZLE
5	51057	BURNER HEAD DIFFUSER
6	51159	BIFILAR ELECTRODES
7	51512	OUTLET CONE
8	51319	UPPER SHELL
9	51318	UPPER SHELL - MOBILE
10	51137	NIPPLE CONNECTOR
11	51315	FUEL FILTER
12	51007	FUEL LINE-FILTER-TANK
13	51229	FUEL GAUGE
14	51143	90° AIR CONNECTION
15	51009	STRAIGHT CONNECTION
16	51008	SUCTION LINE-IN-TANK
17	51052	FAN
18	51030	MOTOR
19	51157	MOTOR PUMP COUPLING
20	51074	FUEL PUMP
21	51192	STRAIGHT FUEL CONNECTION
22	51063	90° FUEL CONNECTION
23	51060	FLEX. FUEL LINE_PUMP-NOZZLE
24	51005	FUEL LINE - PUMP-FILTER
25	51006	FUEL LINE - PUMP-TANK

#	P/N	PART DESCRIPTION
26	51077	PUMP VALVE POWER CORD
27	51317	HANDLE
28	51134	TANK CAP
29	51242	TANK FILTER
30	51523	TANK
31	51146	TANK DRAIN CAP
32	51491	WHEELS SUPPORT
33	51028	WHEELS AXLE
34	51154	WHEEL
35	51156	BLOCK WASHER
36	51158	WHEEL CAP
37	51071	HIGH TENSION WIRE
38	51104	FUSE
39	51160	HIGH TENSION TRANSFORMER
40	51072	HIGH TENS. TRANS. PWR. CORD
41	51012	RELAY
42	51534	POWER CORD
43	51043	PC-BOARD
44	51193	THERMOSTAT CAP
45	51191	THERMOSTAT PLUG
46	51190	THERMOSTAT SOCKET
47	51194	SWITCH
48	51076	THERMOSTAT BULB CLIP
49	51492	SAFETY THERMOSTAT