



PARTS MANUAL



ELECTRIC CONVECTION OVENS

SINGLE DECK MODELS:

#541EC1C - 208V • 3 / 1 Phase

#541EC1D - 240V • 1 / 3 Phase

DOUBLE DECK MODELS:

#541EC2CK - 208V • 3 / 1 Phase

#541EC2DK - 240V • 1 / 3 Phase



PARTS MANUAL

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SAFETY PRECAUTIONS

CAUTION:

- Failure to comply with the following operation instructions could lead to potential hazards and/or unsafe practice and could result in injury and damage to product and property.

NOTICE:

- Local codes regarding installation vary greatly from one area to another. The National Fire Protection Association Inc. states in its NFPA96 latest edition that local codes are "Authority Having Jurisdiction" when it comes to requirements for installation of equipment. Therefore, installation should comply with all local codes.
- This product is intended for commercial use only. Not for residential use.

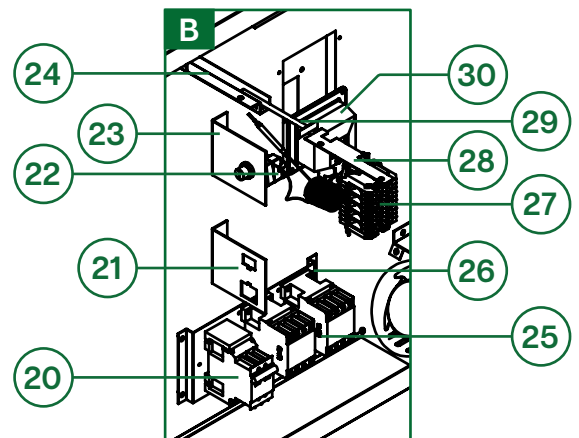
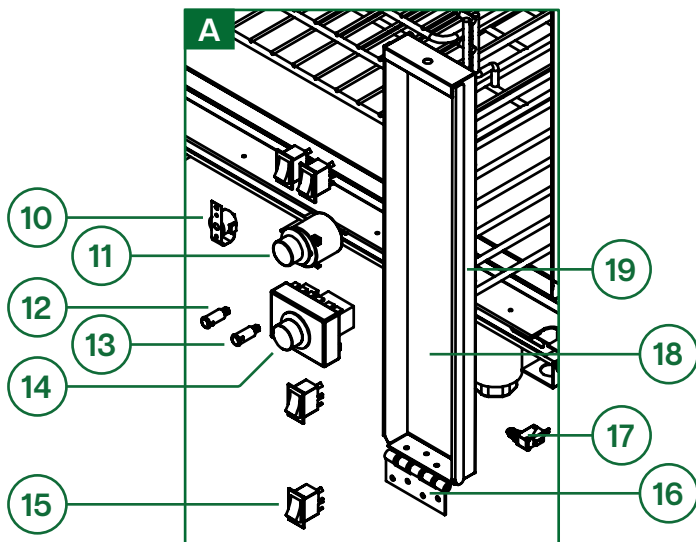
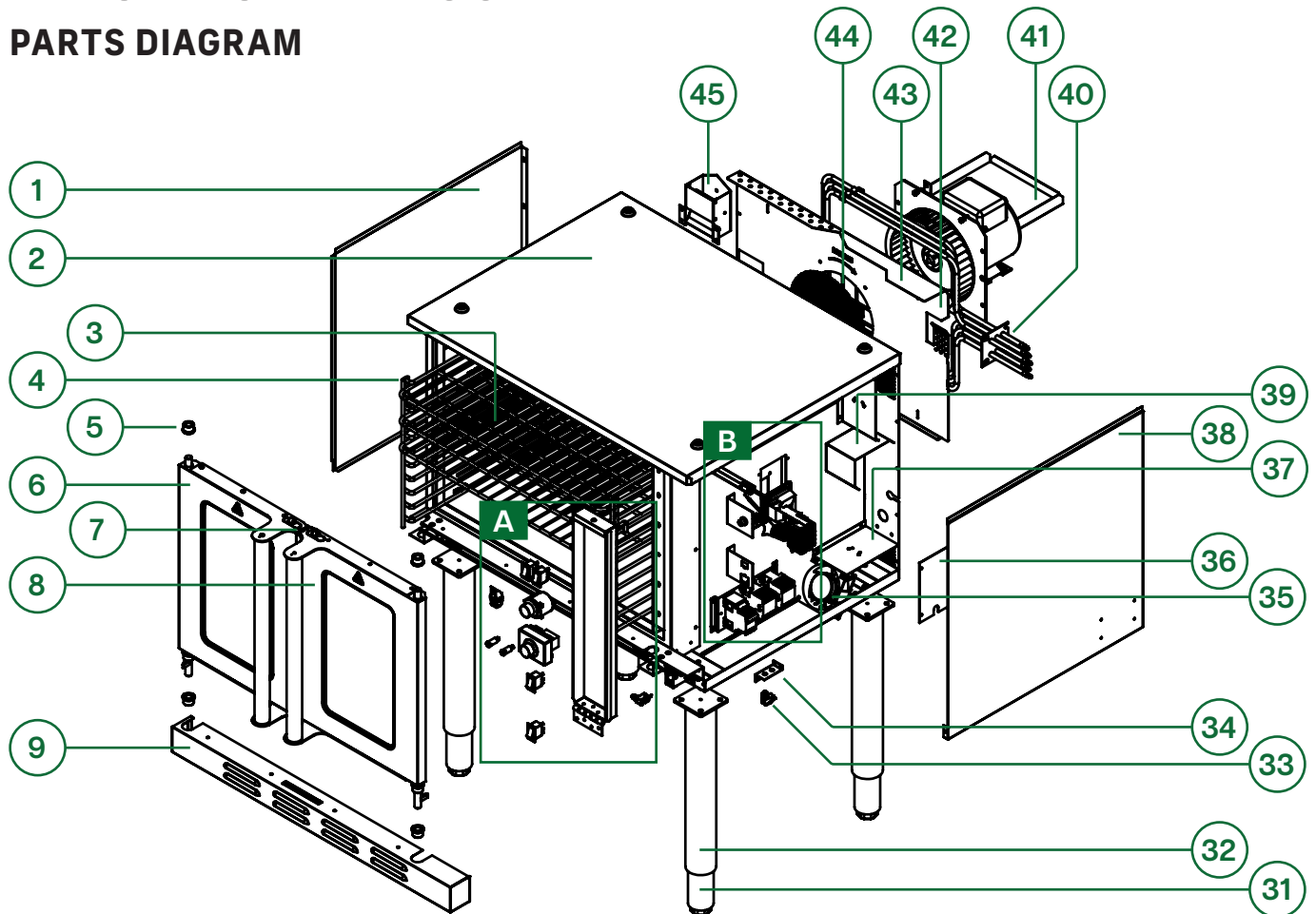
WARNING:

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other equipment.
- Improper installation, adjustment, alteration, service, or maintenance could lead to property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing Main Street Equipment. This manual must be retained for future reference.
- A factory authorized agent must handle all maintenance and repair.
- Ensure that the oven has been safely disconnected from the power supply before performing any form of maintenance or replacing any parts.



WHOLE OVEN ASSEMBLY

PARTS DIAGRAM





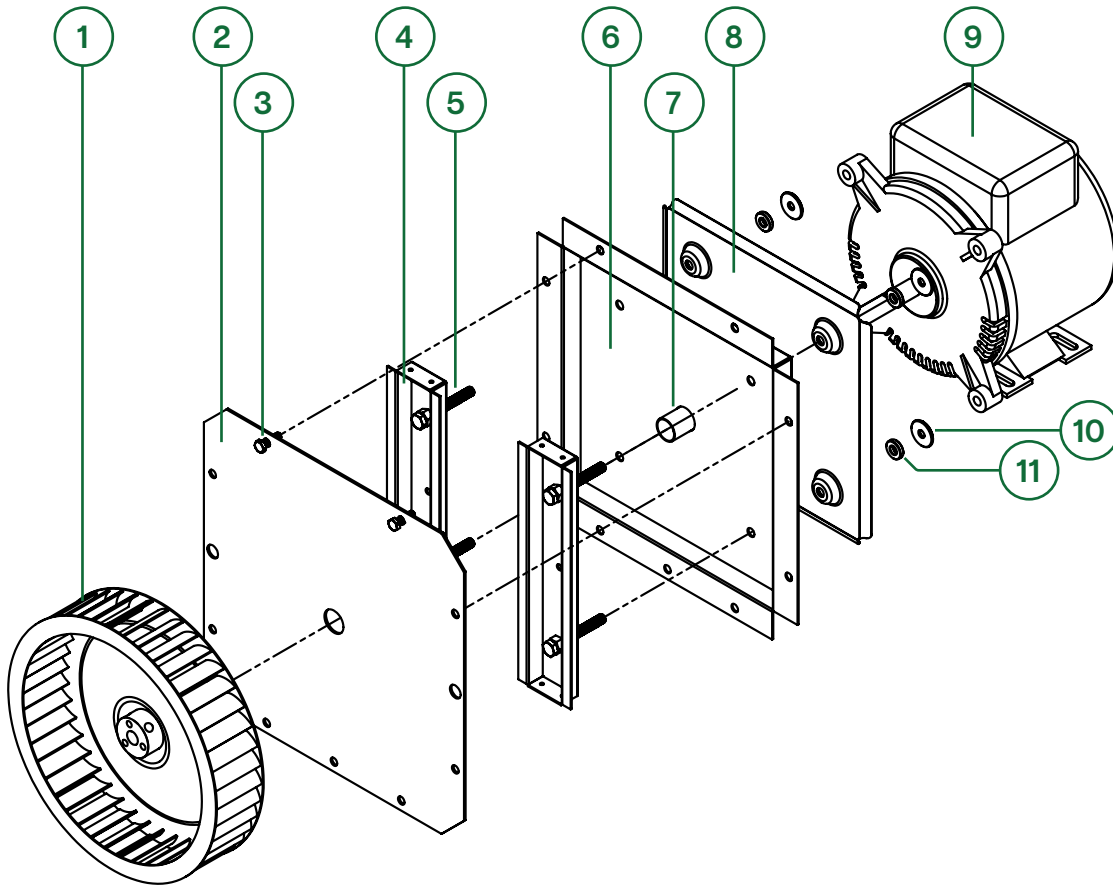
PARTS MANUAL

WHOLE OVEN ASSEMBLY PARTS LIST

Key	Description	Item #	Qty
1	LEFT SIDE PANEL	—	1
2	HOUSING ASSEMBLY	—	1
3	OVEN RACK	541110578	3
4	RACK GUIDE	541110577	2
5	DOOR SHAFT BUSHING	541201928	6
6	LEFT DOOR ASSEMBLY	54117046016	1
7	LEFT DOOR HEAT SHIELD	54165002060	1
8	RIGHT DOOR ASSEMBLY	54117046015	1
9	LOWER FRONT COVER PLATE	—	1
10	BUZZER	541100002	1
11	TIMER	541120028	1
12	POWER INDICATOR	541130023	1
13	WORKING INDICATOR	541130021	1
14	THERMOSTAT	541030208	1
15	WATER-PROOF ROCKER SWITCH	541080141	4
16	DOOR HINGE	—	1
17A	OVEN DOOR SPRING	5412080002	2
17B	DOOR MICRO SWITCH	541080021	2
18	STICKER	—	1
19	CONTROL PANEL ASSEMBLY	—	1
20	BREAKER	541030192	1
21	CABLE CLIP FIXED PLATE	—	1
22	HI LIMIT THERMOSTAT	541030187	1
23	THERMOSTAT FIXED PLATE	—	1
24	SENSOR COVER	—	1
25	AC CONTACTOR	541090135	2
26	ELECTRIC COMPONENT FIXED PLATE	—	1
27	TERMINAL BLOCK	541070055	1
28	LIMITER PROBE HOLDER	—	1
29	TEMPERATURE PROBE	541170069	1
30	OVEN LIGHT	541130156	1
31	ADJUSTABLE FOOT	541302090088	4
32	LEG ASSEMBLY	541090159	4

Key	Description	Item #	Qty
33	MICRO SWITCH	541080021	1
34	TRAVEL SWITCH FIXED PLATE	—	1
35	TURBO COOLING FAN	541010246	1
36	COVER PLATE	—	1
37	FAN FIXED PLATE	—	2
38	RIGHT SIDE PANEL	—	1
39	HEATING ELEMENT WATER BAFFLE PLATE	—	1
40A	HEATING ELEMENT, 230V	541041092	1
40B	HEATING ELEMENT, 208V	541041093	1
41	MOTOR SUPPORT PLATE	—	1
42	FAN COVER	54117046019	1
43	MOTOR INSTALLATION ASSEMBLY	—	1
44	FAN GUARD	—	1
45	CHIMNEY	—	1

MOTOR ASSEMBLY PARTS DIAGRAM

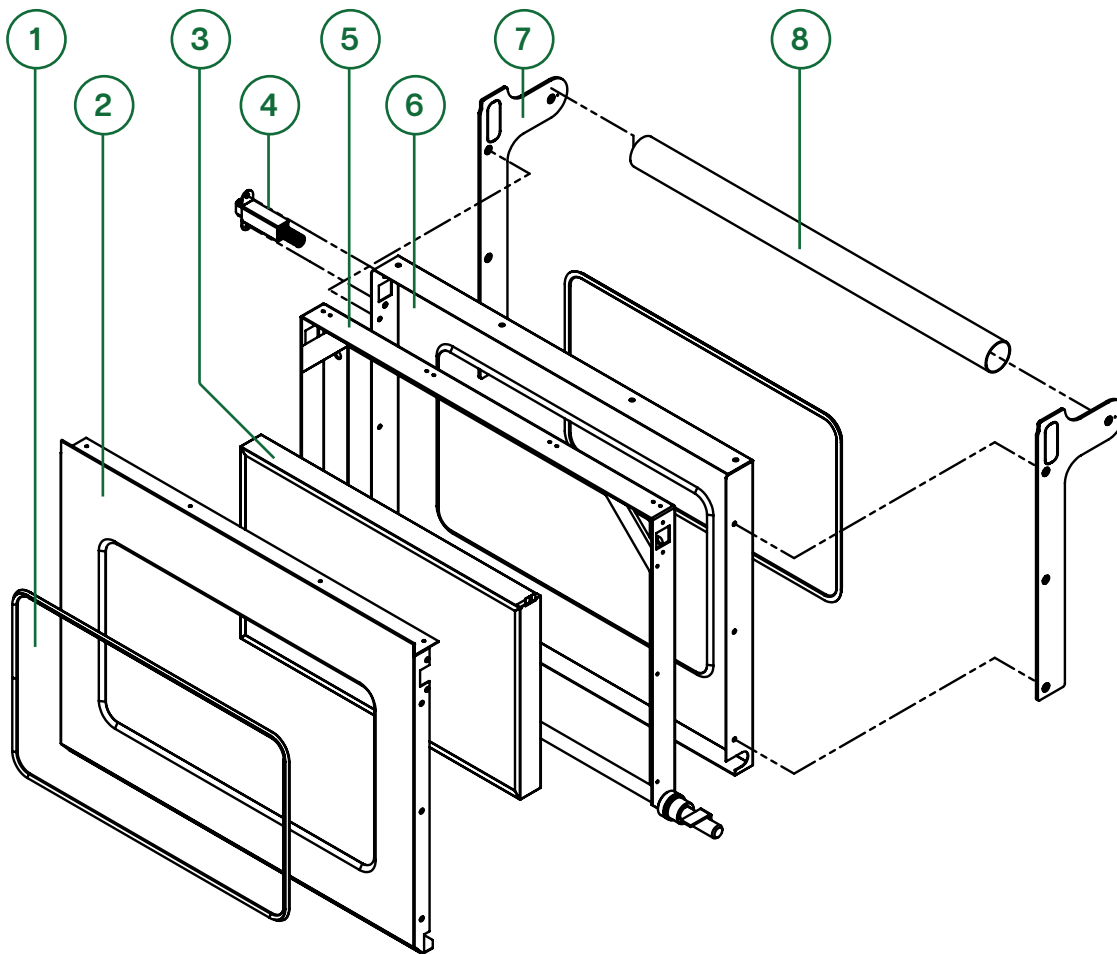


PARTS LIST

Key	Description	Item #	Qty
1	FAN WHEEL	541010263	1
2	MOTOR THERMAL BAFFLE PLATE 1	—	1
3	SCREW	—	2
4	MOTOR INSTALLATION STRENGTHENING PLATE	—	2
5	SCREW	—	4
6	MOTOR THERMAL BAFFLE PLATE 2	—	1

Key	Description	Item #	Qty
7	MOTOR COTTON BUSHING	—	1
8	HEAT SHIELD PLATE	—	1
9	MOTOR	541010267	1
10	WASHER	—	4
11	INSTALLATION PILLAR	—	4

DOOR ASSEMBLY PARTS DIAGRAM



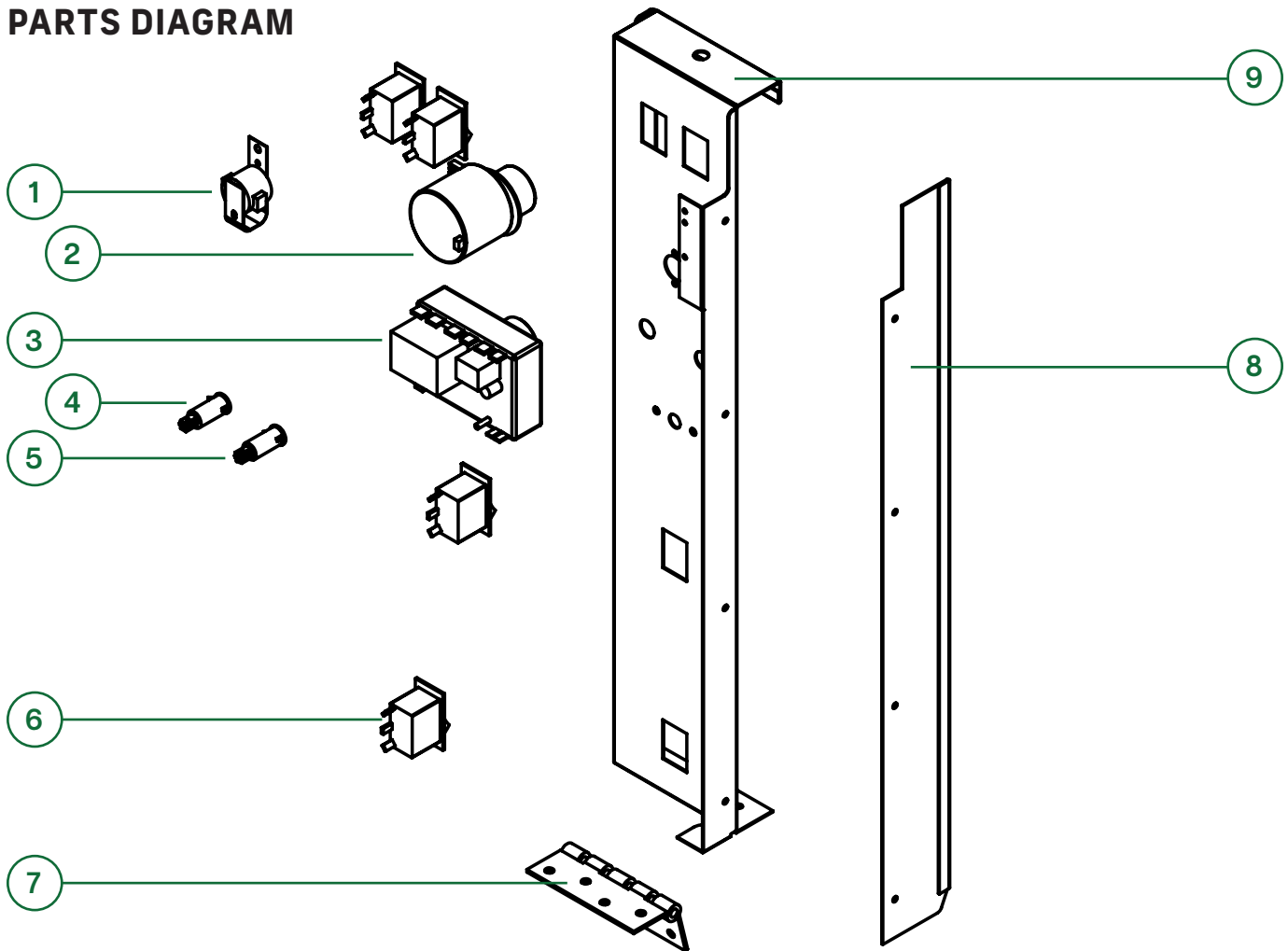
PARTS LIST

Key	Description	Item #	Qty
1	GASKET	—	2
2	INTERIOR PLATE	—	1
3	DOOR GLASS FRAME ASSEMBLY	—	1
4	DOOR STOPPER ASSEMBLY	54165002016	1
5	DOOR FRAME ASSEMBLY	—	1

Key	Description	Item #	Qty
6	EXTERIOR PLATE	—	1
7A	LEFT SIDE HANDLE FIXING PLATE	—	1
7B	RIGHT SIDE HANDLE FIXING PLATE	—	1
8	DOOR HANDLE	—	1

CONTROL PANEL

PARTS DIAGRAM

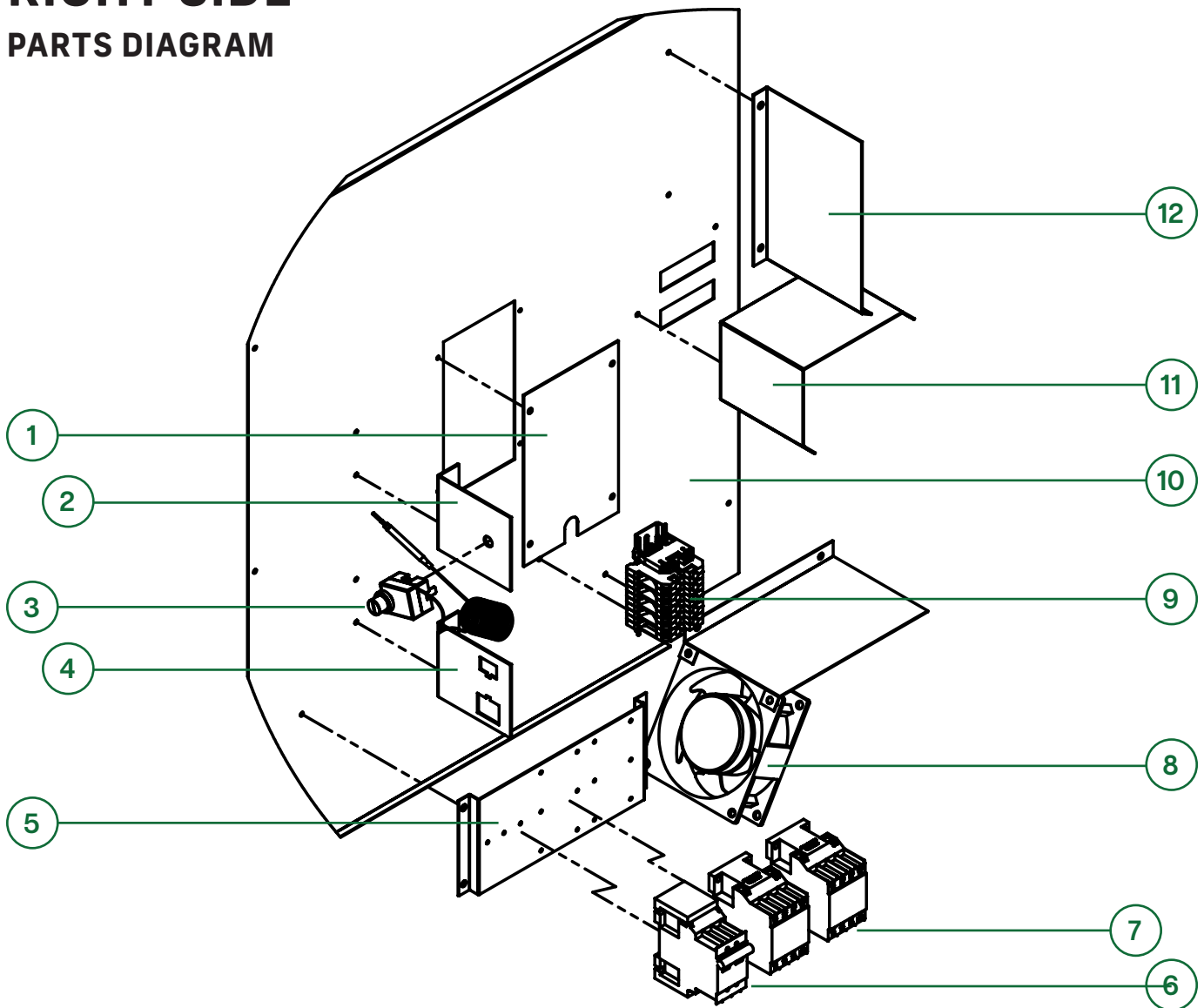


PARTS LIST

Key	Description	Item #	Qty
1	BUZZER	541100002	1
2A	TIMER	541120028	1
2B	TIMER/TEMPERATURE KNOB	541110438	1
3A	THERMOSTAT	541030208	1
3B	TIMER/TEMPERATURE KNOB	541110438	1
4	WORKING INDICATOR, ORANGE	541130021	1

Key	Description	Item #	Qty
5	POWER INDICATOR, GREEN	541130023	1
6	WATER-PROOF ROCKER SWITCH	541080141	4
7	DOOR HINGE	—	1
8	SIDE PLATE	—	1
9	CONTROL PANEL	—	1

RIGHT SIDE PARTS DIAGRAM



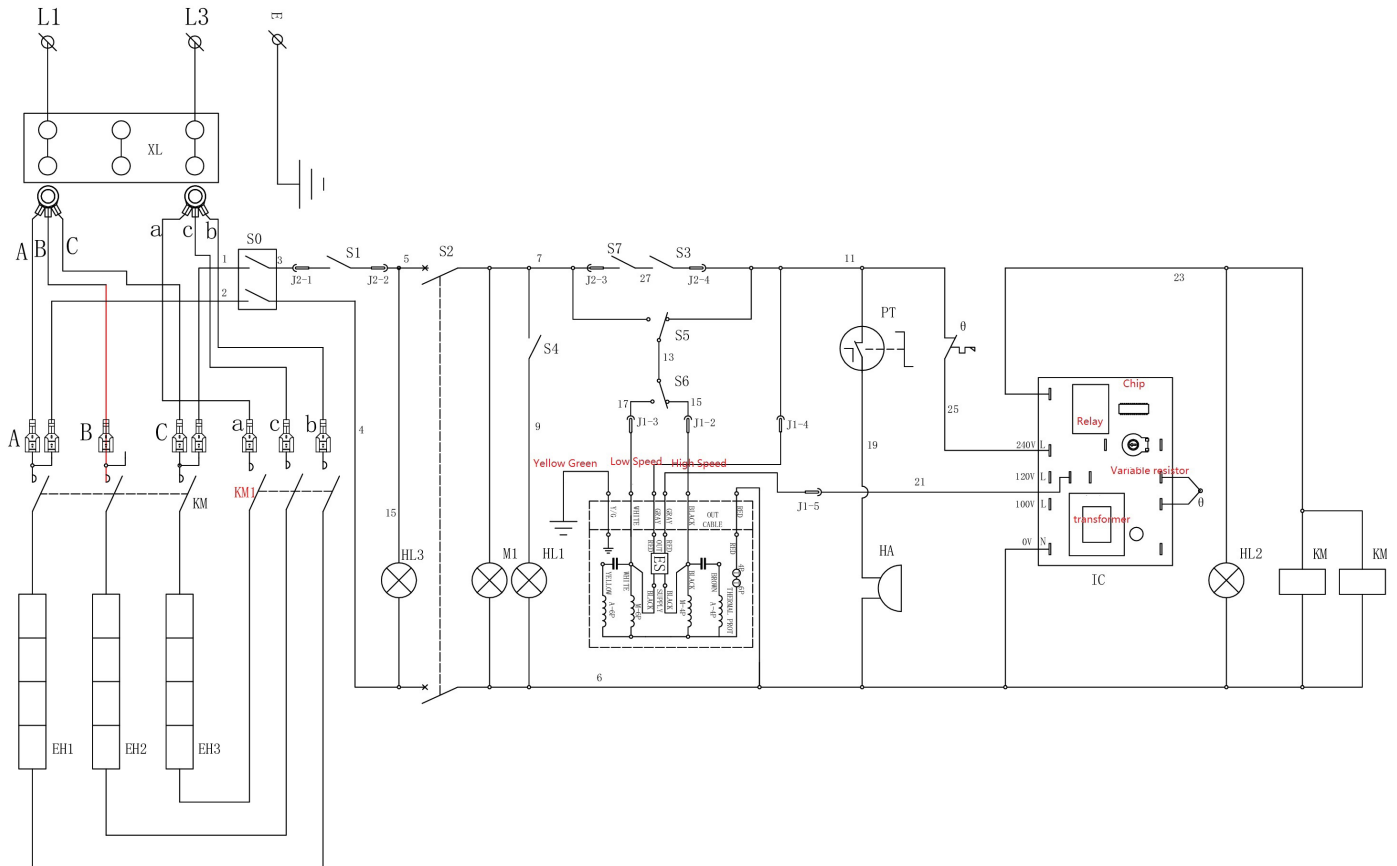
PARTS LIST

Key	Description	Item #	Qty
1	COTTON COVER PLATE	—	1
2	TEMP LIMITER FIXED PLATE	—	1
3	EGO HI LIMIT THERMOSTAT	541030187	1
4	WIRE CLIP FIXED PLATE	—	1
5	COMPONENT FIXED PLATE	—	1
6	BREAKER	541030192	1

Key	Description	Item #	Qty
7	AC CONTACTOR	541090135	2
8	TURBO COOLING FAN	541010246	1
9	TERMINAL BLOCK	541070055	1
10	RIGHT COTTON COVER PLATE	—	1
11	WATER BAFFLE	—	1
12	SMALL FAN FIXED PLATE	—	2

ELECTRICAL DIAGRAM

208V

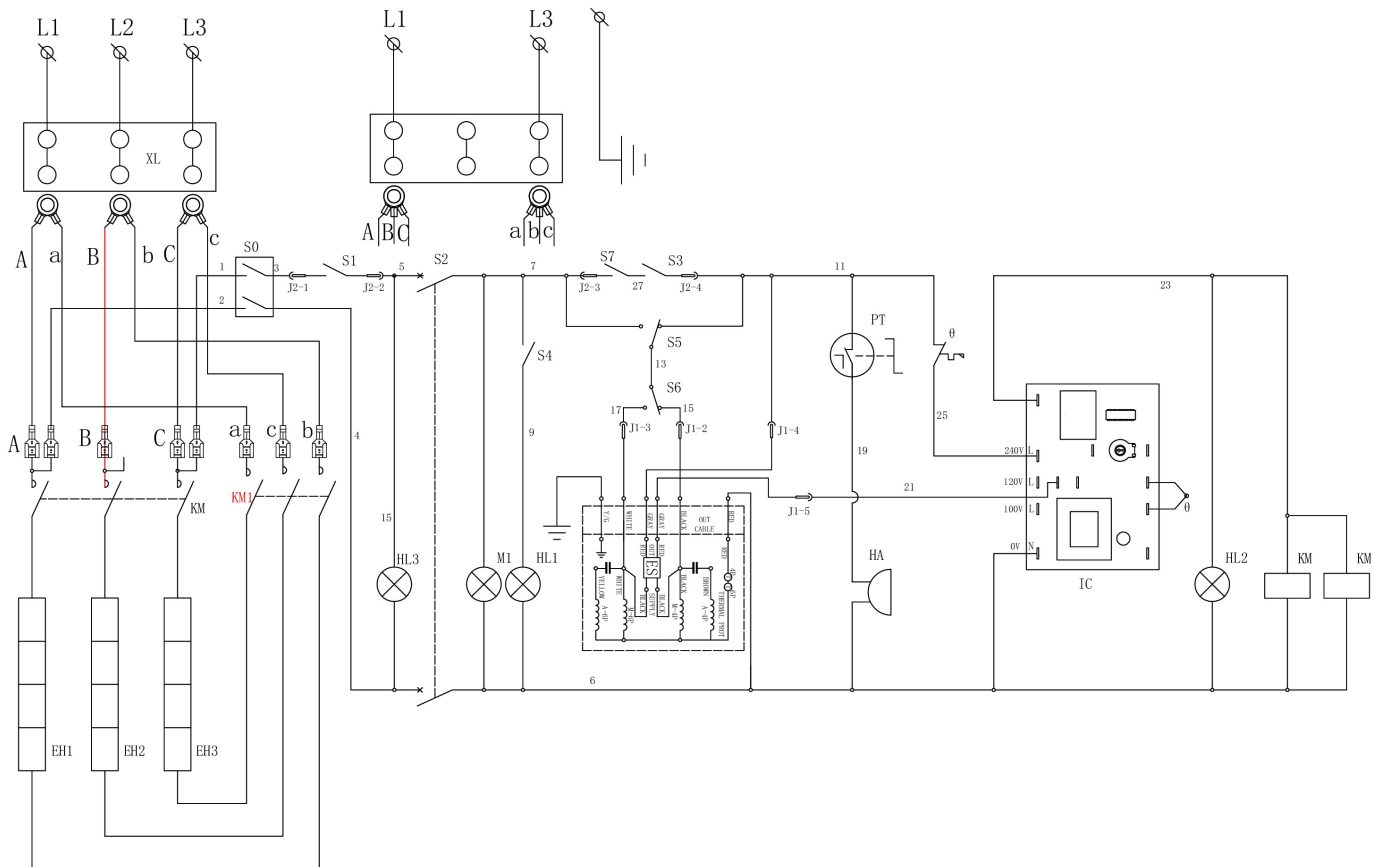


Symbol	Description
XL	CONNECTING TERMINAL
KM1/KM2	AC CONTACTOR
EH1 EH2 EH3	ELECTRIC HEATING TUBES
S0	ALCI
S1	PROTECTION SWITCH OF ELECTRICAL BOX
S2	POWER SWITCH
S3	DOOR CONTROL
S4	INTERIOR LIGHT SWITCH
S5	COOLING SWITCH

Symbol	Description
S6	FAN SWITCH (HI OR LOW)
HL1	INTERIOR LIGHT
HL2/HL3	INDICATOR LIGHT
M	MOTOR
PT	TIMER
HA	BUZZER
IC	ELECTRONIC THERMOSTAT
O	TEMPERATURE LIMITER
M1	COOL FAN

ELECTRICAL DIAGRAM

240V



Symbol	Description
XL	CONNECTING TERMINAL
KM1/KM2	AC CONTACTOR
EH1 EH2 EH3	ELECTRIC HEATING TUBES
S0	ALCI
S1	PROTECTION SWITCH OF ELECTRICAL BOX
S2	POWER SWITCH
S3	DOOR CONTROL
S4	INTERIOR LIGHT SWITCH
S5	COOLING SWITCH

Symbol	Description
S6	FAN SWITCH (HI OR LOW)
HL1	INTERIOR LIGHT
HL2/HL3	INDICATOR LIGHT
M	MOTOR
PT	TIMER
HA	BUZZER
IC	ELECTRONIC THERMOSTAT
O	TEMPERATURE LIMITER
M1	COOL FAN