



PARTS MANUAL



ELECTRIC SINGLE DECK CONVECTION OVENS

#541EC1C - 208V • 3 / 1 Phase
#541EC1D - 240V • 1 / 3 Phase

#541FEC1C - 208V • 3 / 1 Phase
#541FEC1D - 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:

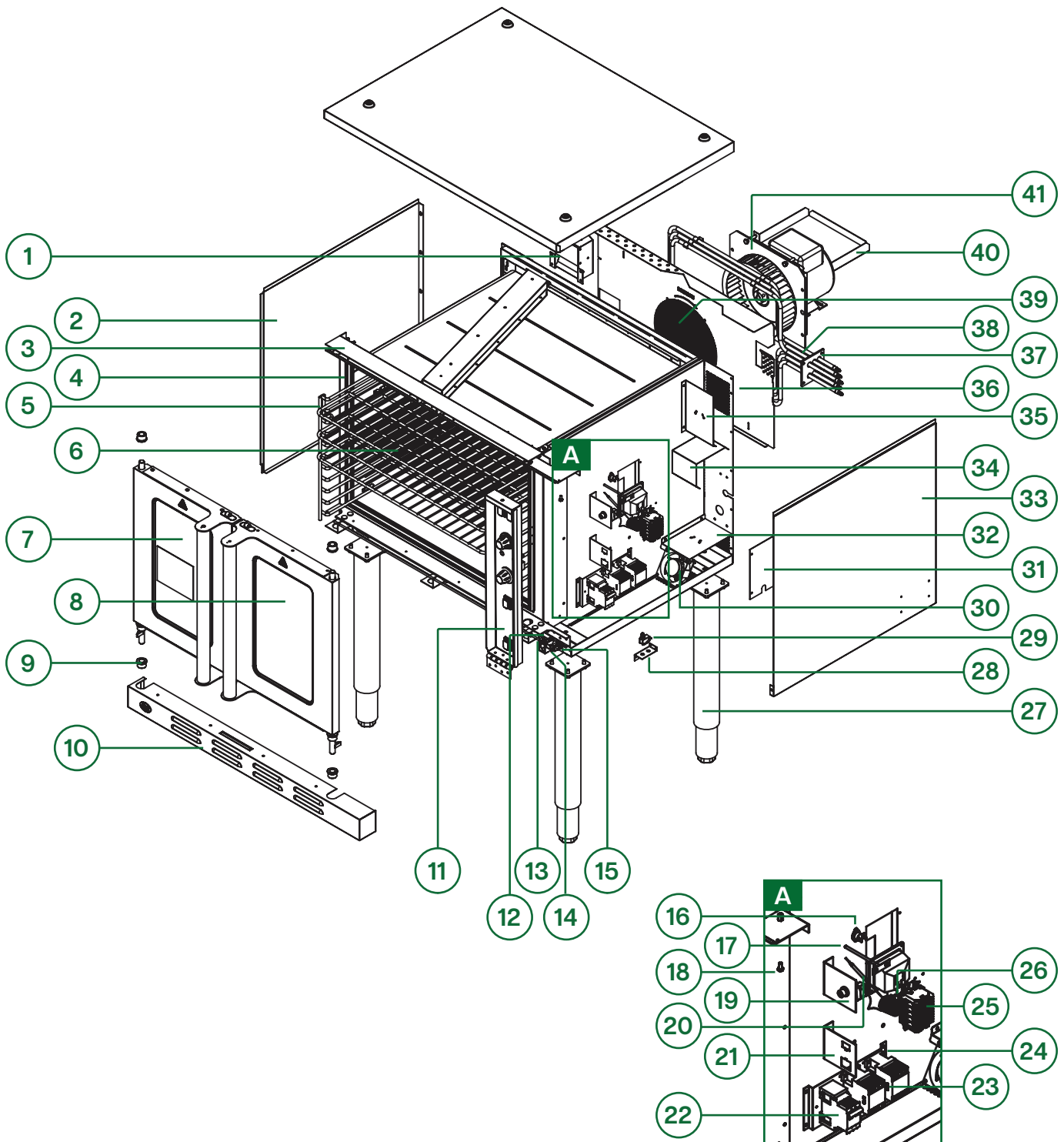
- Local codes regarding installation vary greatly from one area to another. The National Fire Protection Association Inc. states in its NFPA96 latest edition that local codes are "Authority Having Jurisdiction" when it comes to requirements for installation of equipment. Therefore, installation should 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 MainStreet 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





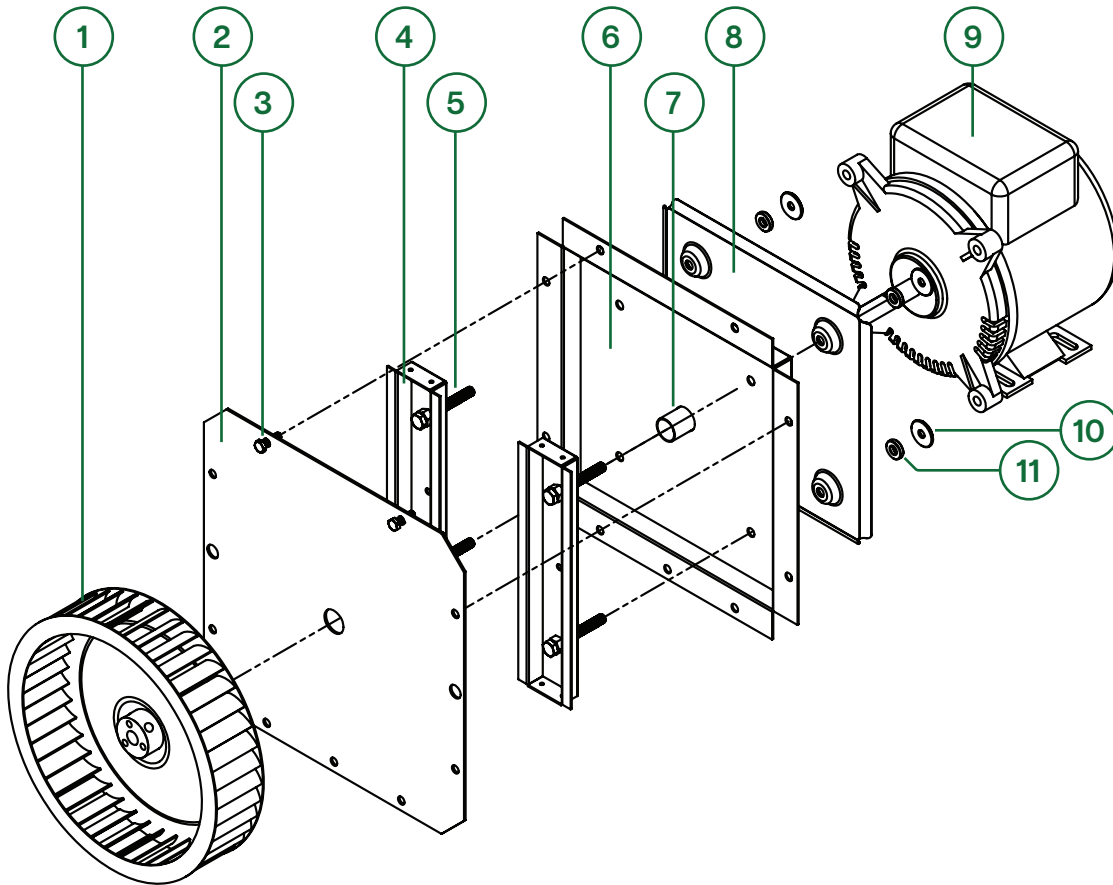
PARTS MANUAL

WHOLE OVEN ASSEMBLY PARTS LIST

Key	Description	Item #	Qty
1	EXHAUST	—	1
2	LEFT SIDE PANEL	—	1
3	OVEN CAVITY	—	1
4	DOOR GASKET FOR FEC ONLY	3512020459	1
5	RACK GUIDE	541110577	2
6	OVEN RACK	541110578	3
7A	LEFT DOOR ASSEMBLY FOR FEC ONLY	5417046039	1
7B	LEFT DOOR ASSEMBLY FOR EC ONLY	54117046016	1
8A	RIGHT DOOR ASSEMBLY FOR FEC ONLY	5417046038	1
8B	RIGHT DOOR ASSEMBLY FOR EC ONLY	54117046015	1
9	DOOR SHAFT BUSHING	541201928	4
10	LOWER FRONT COVER PLATE	—	1
11	CONTROL PANEL ASSEMBLY	—	1
12	MICRO SWITCH PUSH ROD, SHORT	—	1
13	MICRO SWITCH PUSH ROD, LONG	—	1
14	MICRO SWITCH FIXING PLATE ASSEMBLY	—	1
15	RUBBER STOPPER	—	4
16	COOLING FAN HIGH LIMIT THERMOSTAT FOR FEC ONLY	3512220083	1
17	TEMPERATURE PROBE	541170069	1
18	M6x20 HEXAGON BOLT	—	1
19	THERMOSTAT FIXED PLATE	—	1
20	EGO HIGH LIMIT THERMOSTAT	541030187	1
21	CABLE CLIP FIXED PLATE	—	1
22	BREAKER	541030192	1
23	AC CONTACTOR	541090135	2
24	ELECTRIC COMPONENT FIXED PLATE	—	1
25	TERMINAL BLOCK	541070055	1
26	BULB/LAMP HOLDER ASSEMBLY	541130156	1

Key	Description	Item #	Qty
27	LEG ASSEMBLY	541090159	4
28	MICRO SWITCH FIXED PLATE	—	1
29	MICRO SWITCH	541080021	3
30	COOLING FAN	541010246	1
31	COVER PLATE	—	1
32	FAN FIXED PLATE	—	1
33	RIGHT SIDE PANEL	—	1
34	HEATING ELEMENT WATER BAFFLE PLATE	—	1
35	FAN FIXED PLATE	—	1
36	FAN COVER	54117046019	1
37	HEATING ELEMENT SEALANT	—	1
38A	HEATING ELEMENT, 240V	541041092	1
38B	HEATING ELEMENT, 208V	541041093	1
39	FAN GUARD	—	1
40	MOTOR COVER ASSEMBLY	—	1
41	MOTOR INSTALLATION ASSEMBLY	—	1

MOTOR ASSEMBLY PARTS DIAGRAM



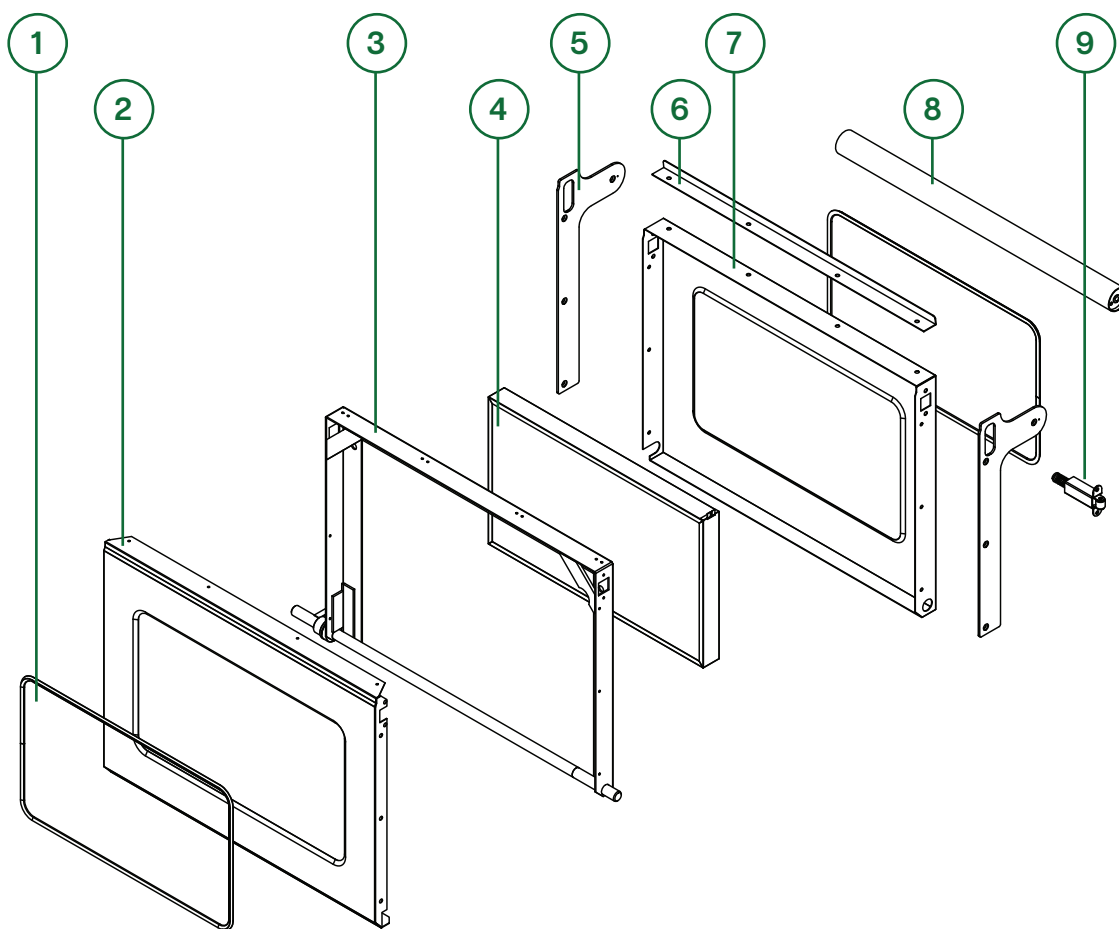
PARTS LIST

Key	Description	Item #	Qty
1	FAN WHEEL	541010263	1
2	BAFFLE PLATE 1	—	1
3	SCREW	—	2
4	SUPPORT PLATE	—	2
5	M8X50 SCREW	—	4
6	BAFFLE PLATE 2	—	1

Key	Description	Item #	Qty
7	BUSHING	—	1
8	HEAT SHIELD	—	1
9	MOTOR	541010267	1
10	GASKET	—	4
11	INSTALLATION COLUMN	—	4

DOOR ASSEMBLY

PARTS DIAGRAM

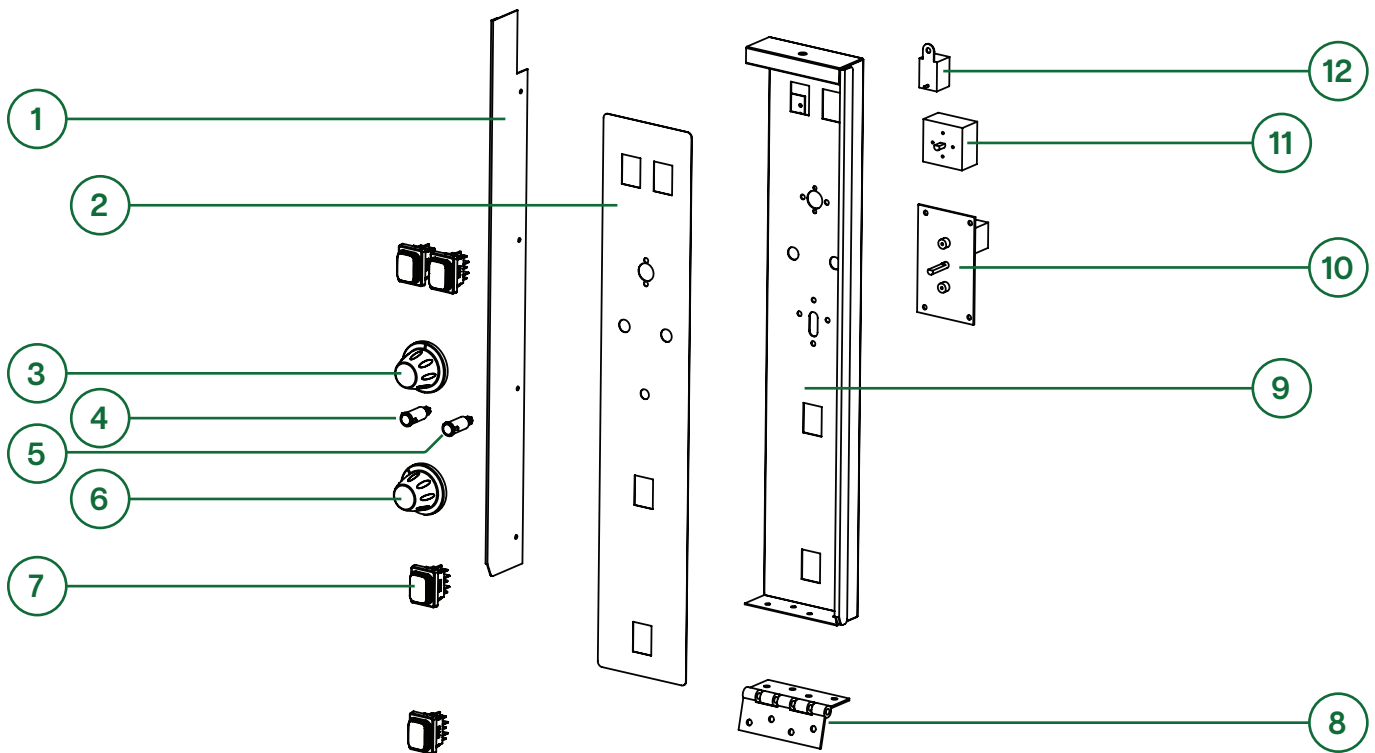


PARTS LIST

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

Key	Description	Item #	Qty
6	LEFT DOOR HEAT SHIELD	54165002060	1
7	EXTERIOR PLATE	—	1
8	DOOR HANDLE	—	1
9	DOOR STOPPER ASSEMBLY	54165002016	2

CONTROL PANEL PARTS DIAGRAM

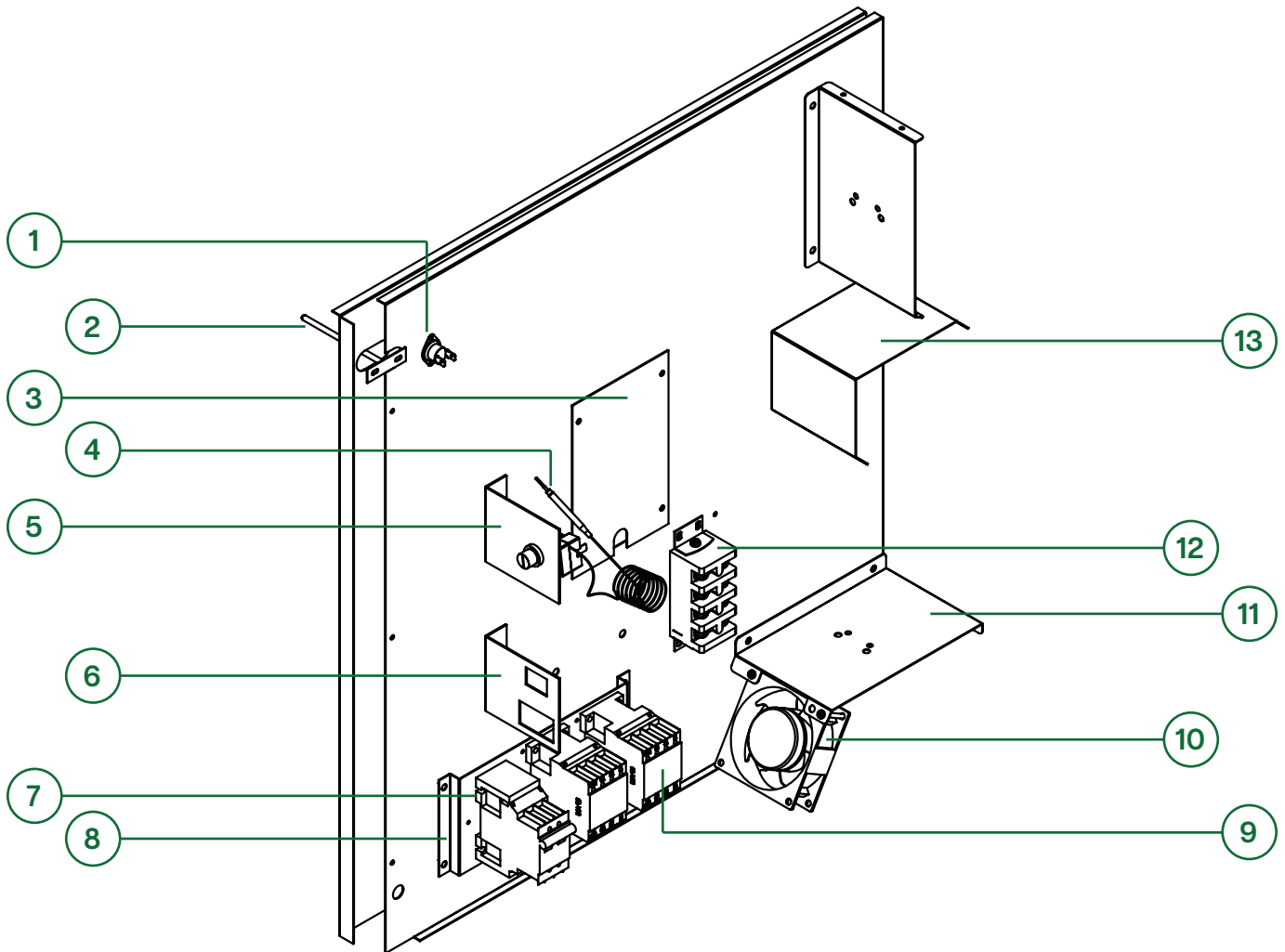


PARTS LIST

Key	Description	Item #	Qty
1	SIDE PLATE	—	1
2	PANEL STICKER	—	1
3	TIMER KNOB	351110496	1
4	POWER INDICATOR	541130023	1
5	WORKING INDICATOR	541130021	1
6	TEMPERATURE KNOB	541110438	1
7	WATER-PROOF ROCKER SWITCH	541080141	4

Key	Description	Item #	Qty
8	DOOR HINGE	—	1
9	CONTROL PANEL	—	1
10	THERMOSTAT	541030208	1
11	TIMER SWITCH	541120028	1
12	BUZZER	541100002	1

RIGHT SIDE ELECTRONIC PARTS PARTS DIAGRAM



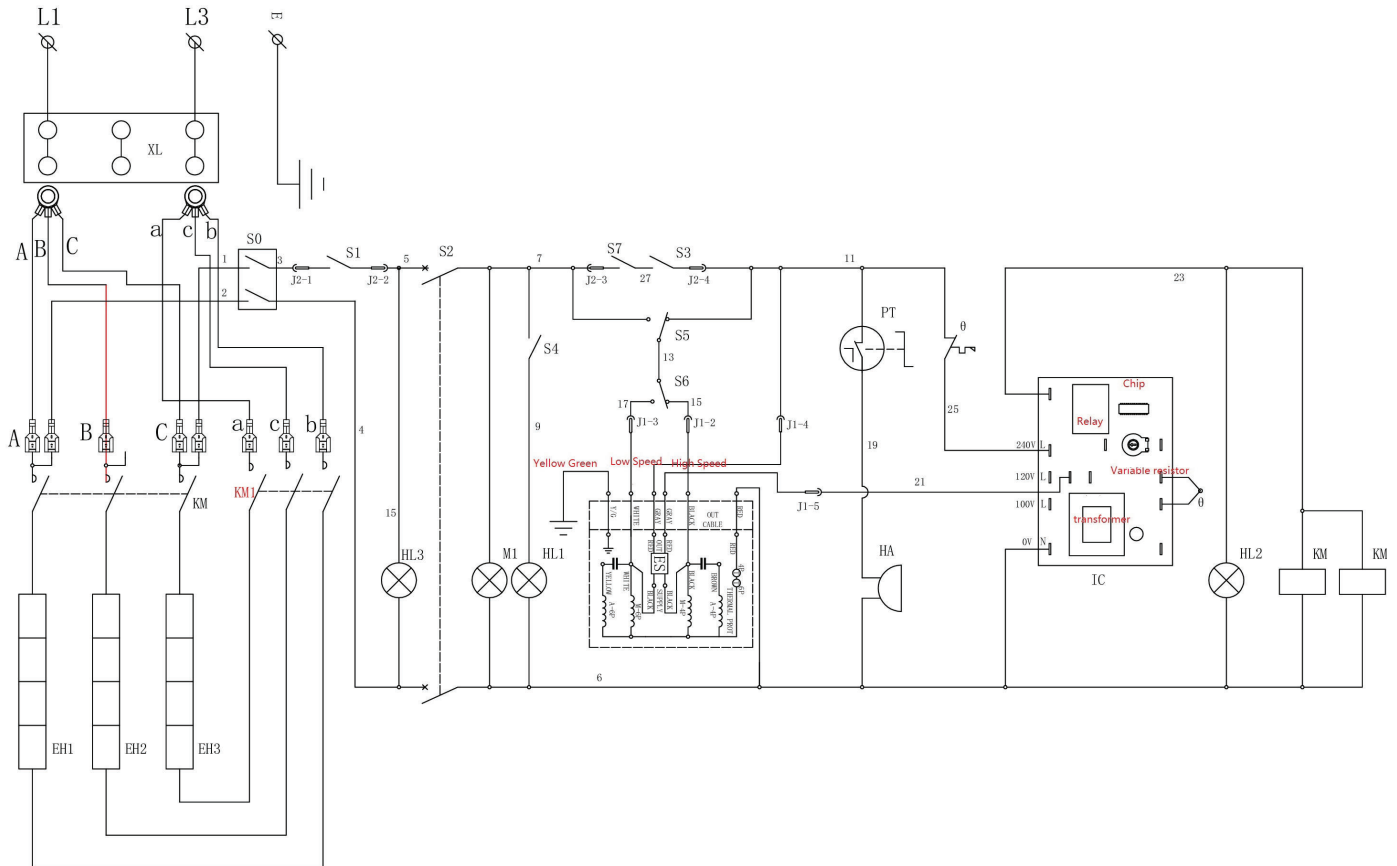
PARTS LIST

Key	Description	Item #	Qty
1	COOLING FAN HIGH LIMIT THERMOSTAT FOR FEC ONLY	3512220083	1
2	TEMPERATURE PROBE	541170069	1
3	COVER PLATE	—	1
4	EGO HIGH LIMIT THERMOSTAT	541030187	1
5	TEMP LIMITER FIXED PLATE	—	1
6	WIRE CLIP FIXED PLATE	—	1

Key	Description	Item #	Qty
7	BREAKER	541030192	1
8	COMPONENT FIXED PLATE	—	1
9	AC CONTACTOR	541090135	2
10	TURBO COOLING FAN	541010246	1
11	FAN FIXED PLATE	—	2
12	TERMINAL BLOCK	541070055	1
13	WATER BAFFLE	—	1

ELECTRICAL DIAGRAM

541EC1C

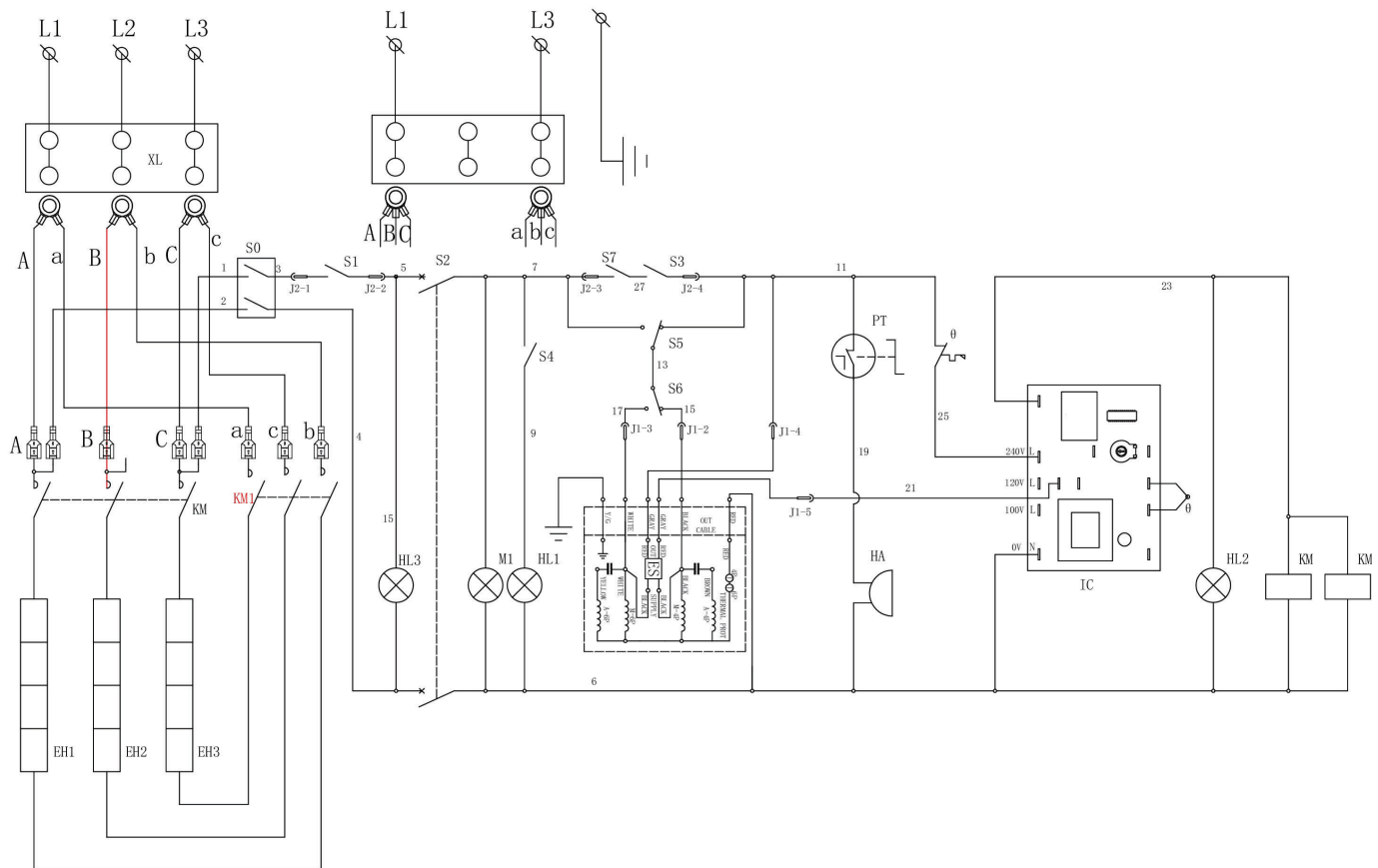


Symbol	Description
XL	CONNECTING TERMINAL
KM1/KM2	AC CONTACTOR
EH1/EH2/EH3	ELECTRIC HEATING TUBES
S0	ALCI
S1	PROTECTION SWITCH OF ELECTRICAL BOX
S2	POWER SWITCH
S3	DOOR CONTROL
S4	INTERIOR LIGHT SWITCH
S5	COOLING SWITCH

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

541EC1D

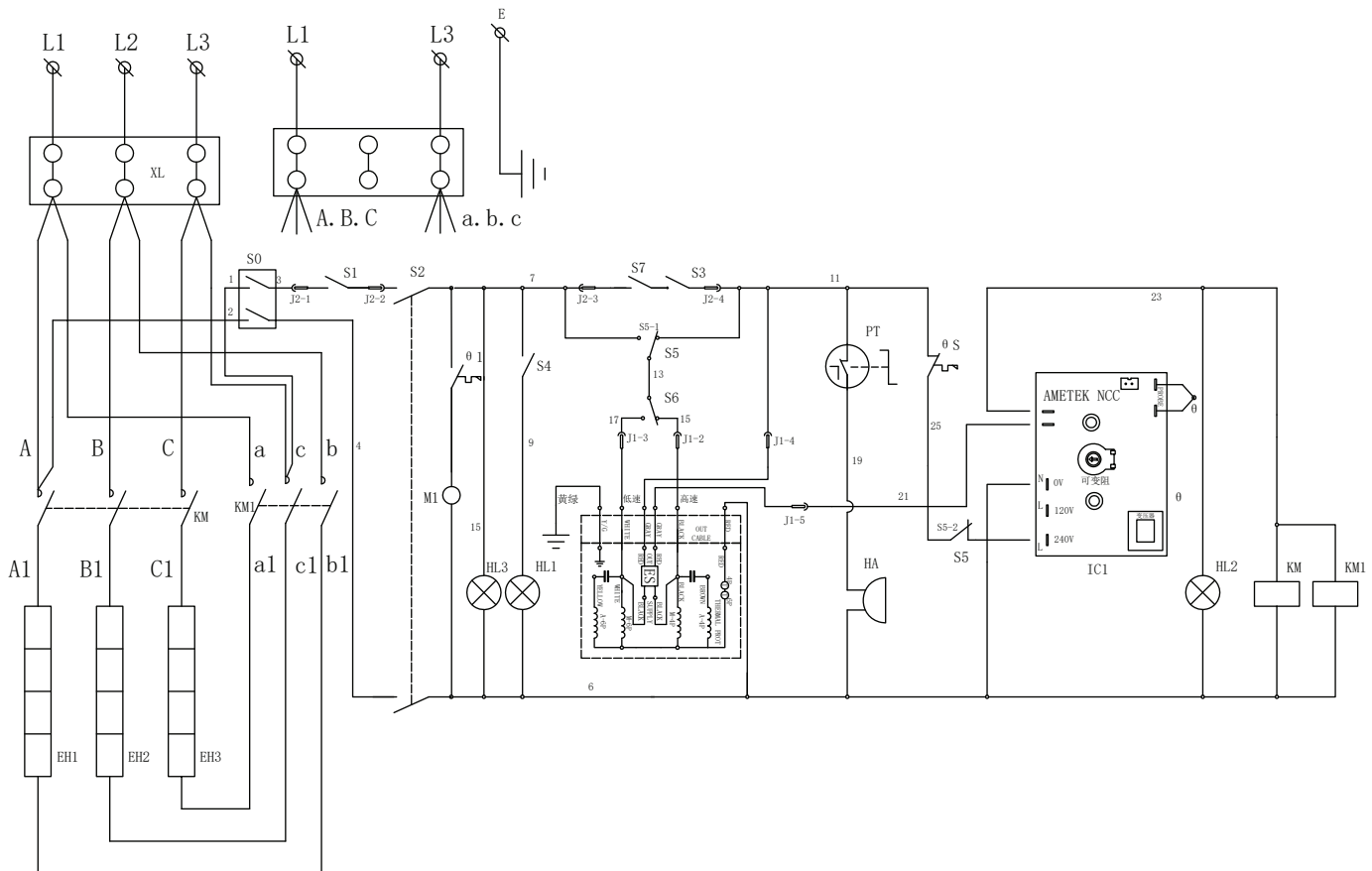


Symbol	Description
XL	CONNECTING TERMINAL
KM1 / KM2	AC CONTACTOR
EH1 / EH2 / EH3	ELECTRIC HEATING TUBES
S0	ALCI
S1	PROTECTION SWITCH OF ELECTRICAL BOX
S2	POWER SWITCH
S3	DOOR CONTROL
S4	INTERIOR LIGHT SWITCH
S5	COOLING SWITCH

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

541FEC1C / 541FEC1D



Symbol	Description
XL	CONNECTING TERMINAL
KM / KM1	AC CONTACTOR
EH1 / EH2 / EH3	ELECTRIC HEATING TUBES
S0	CIRCUIT BREAKER
S1	PROTECTION SWITCH OF ELECTRICAL BOX
S2	POWER SWITCH
S3	DOOR CONTROL
S4	INTERIOR LIGHT SWITCH
S5	COOK / COOL SWITCH
S6	HIGH / LOW SPEED MOTOR SWITCH
θ	TEMPERATURE PROBE

Symbol	Description
HL1	BORE LAMP
HL2	HEATING INDICATOR LIGHT
HL3	POWER INDICATOR LIGHT
M	MOTOR
PT	TIMER
HA	BUZZER
IC	ELECTRONIC TEMPERATURE CONTROLLER
θS	TEMPERATURE LIMITER
M1	COOLING FAN
θ1	TEMPERATURE LIMITER