



PARTS MANUAL



LIQUID PROPANE/NATURAL GAS CONVECTION OVENS

SINGLE DECK MODELS:

#541CG1L - Liquid Propane • 54,000 BTU
#541CG1N - Natural Gas • 54,000 BTU

DOUBLE DECK MODELS:

#541CG2LK - Liquid Propane • 108,000 BTU
#541CG2NK - Natural Gas • 108,000 BTU



PARTS MANUAL

INDEX

Safety Precautions	3
Whole Oven Assembly	
Parts Diagram	4
Parts List	5
Motor Assembly	
Parts Diagram	6
Parts List	6
Door Assembly	
Parts Diagram	7
Parts List	7
Control Panel	
Parts Diagram	8
Parts List	8
Main Gas Pipe	
Parts Diagram	9
Parts List	9
Inlet Gas Pipe	
Parts Diagram	10
Parts List	10
Burner Assembly	
Parts Diagram	11
Parts List	11
Electrical Diagram	
Diagram	12
Parts List	13



Intertek
4003027



Intertek
4003027



NEMA
5-15P

Conforms to ANSI 2014-1045
Certified to CSA LI-2045
Conforms to NSF/ANSI STD. 4



PARTS MANUAL

SAFETY PRECAUTIONS



WARNING

Any incorrect installation, maintenance, or self-modification can lead to property loss, bodily harm, or death. Please contact Main Street Equipment for any adjustment or maintenance. A certified and insured foodservice equipment technician must handle all maintenance and repair.



WARNING

For the safety of everyone involved, please keep the equipment away from any flammable or explosive objects and substances. Do not store or use any such items in the vicinity of this unit.



WARNING

This equipment should not be operated by persons with insufficient experience or knowledge of the equipment (including children), nor should it be used by those with physiological, perceptual, or mental disabilities without proper supervision.



WARNING

Keep children away from the equipment for their safety.



WARNING

Always keep this manual accessible. When transferring possession of the equipment to a third party, the manual must also be handed over. All users must operate the unit in compliance with this manual.



WARNING

Any nearby walls, surfaces, kitchen supplies, etc. should be non-combustible and heat-resistant. Please pay special attention to fire prevention regulations.



CAUTION

Potential hazard or unsafe practice that could result in minor or moderate injury or product or property damage.

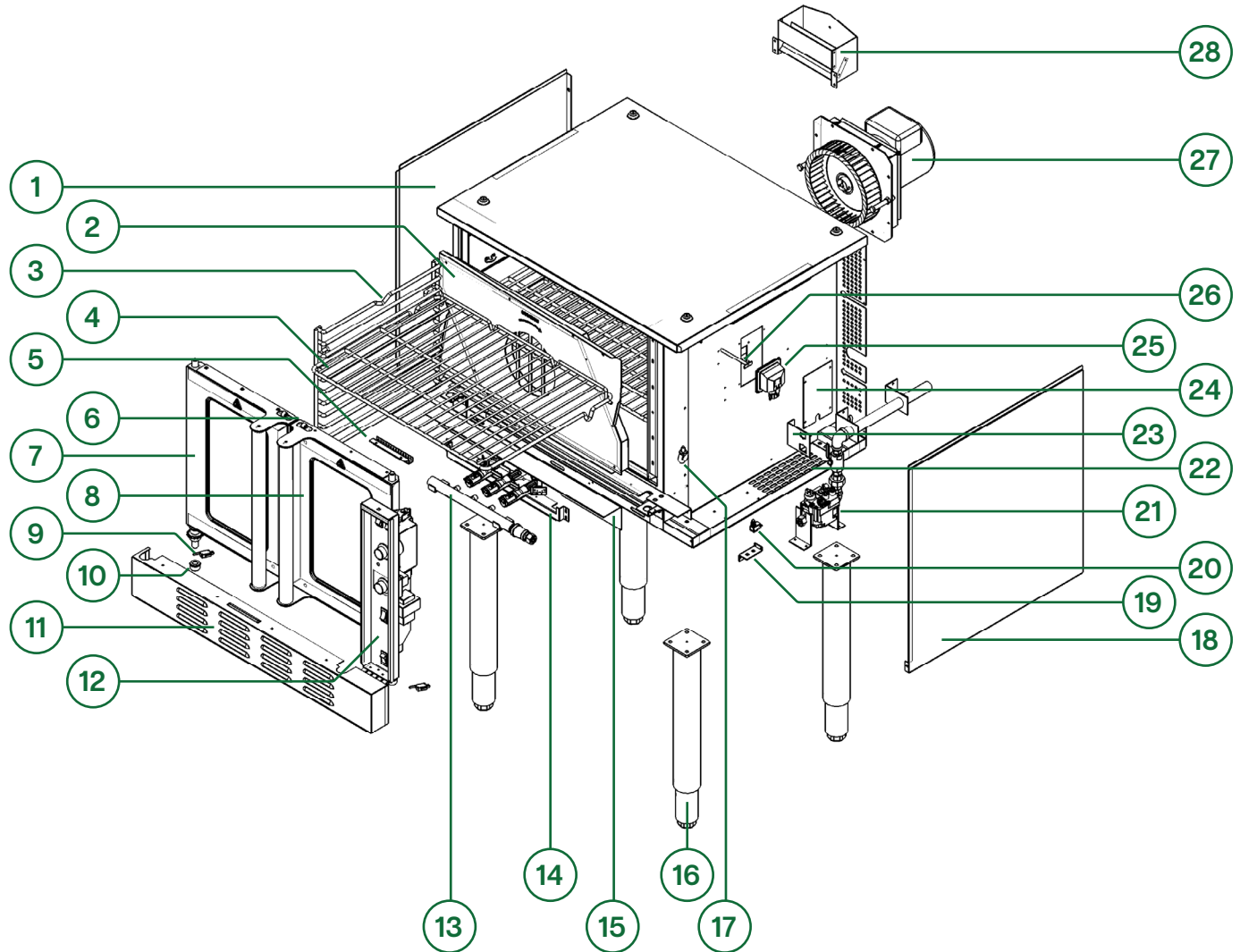
NOTICE: Local codes regarding installation vary greatly from one area to another. The National Fire Protection Association, Inc. states in its NFPA96 latest edition that local codes are “Authority Having Jurisdiction” when it comes to requirement for installation of equipment. Therefore, installation should comply with all local codes. This product is intended for commercial use only. Not for residential use. Use in residential applications will void warranty.



WARNINGS

1. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other equipment.
2. 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 equipment. This manual must be retained for future reference.
3. Instructions must be posted in a prominent location. All safety precautions must be taken in the event the user smells gas. Safety information can be obtained from your local gas supplier.
4. A factory authorized agent should handle all maintenance and repair. Prior to conducting any maintenance or repair work, contact an authorized service agency.

WHOLE OVEN ASSEMBLY PARTS DIAGRAM



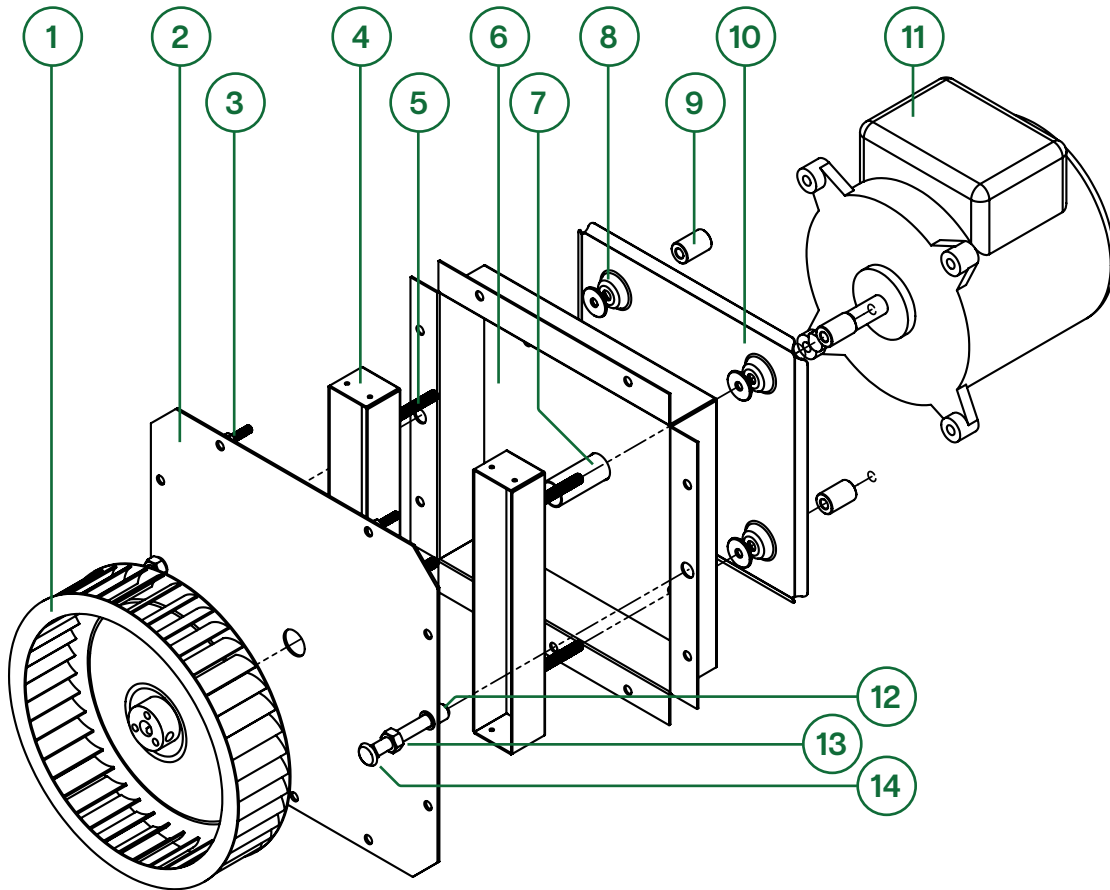


PARTS MANUAL

WHOLE OVEN ASSEMBLY PARTS LIST

Key	Description	Item #	Qty
1	LEFT SIDE PANEL	—	1
2	FAN COVER	54165002009	1
3	RACK GUIDE	541110577	2
4	OVEN RACK	541110578	3
5	TEMPERATURE PROBE GUARD	541228051023	1
6	LEFT DOOR HEAT SHIELD	54165002060	1
7	LEFT DOOR ASSEMBLY	54165002014	1
8	RIGHT DOOR ASSEMBLY	54165002011	1
9	DOOR SWITCH	541080079	2
10	DOOR SHAFT BUSHING	541201928	4
11	LOWER FRONT COVERPLATE	—	1
12	METAL CONTROL PANEL ASSEMBLY	—	1
13	MANIFOLD ASSEMBLY	—	1
14	BURNER ASSEMBLY	54165002019	1
15	FRONT COVERPLATE	—	1
16A	LEG ASSEMBLY	541090159	4
16B	FOOT	541302090088	4
17	SCREW	—	1
18	SIDE PANEL (RIGHT)	—	1
19	FIXED PLATE (TRAVEL SWITCH)	—	1
20	MICRO SWITCH	541080021	1
21	GAS PIPELINE ASSEMBLY	—	1
22	HOUSING ASSEMBLY	—	1
23	FIXED PLATE	—	1
24	COVERPLATE	—	1
25	LAMP HOLDER ASSEMBLY	541130151	1
26	TEMPERATURE PROBE	541170069	1
27	MOTOR INSTALLATION ASSEMBLY	—	1
28	CHIMNEY	—	1

MOTOR ASSEMBLY PARTS DIAGRAM

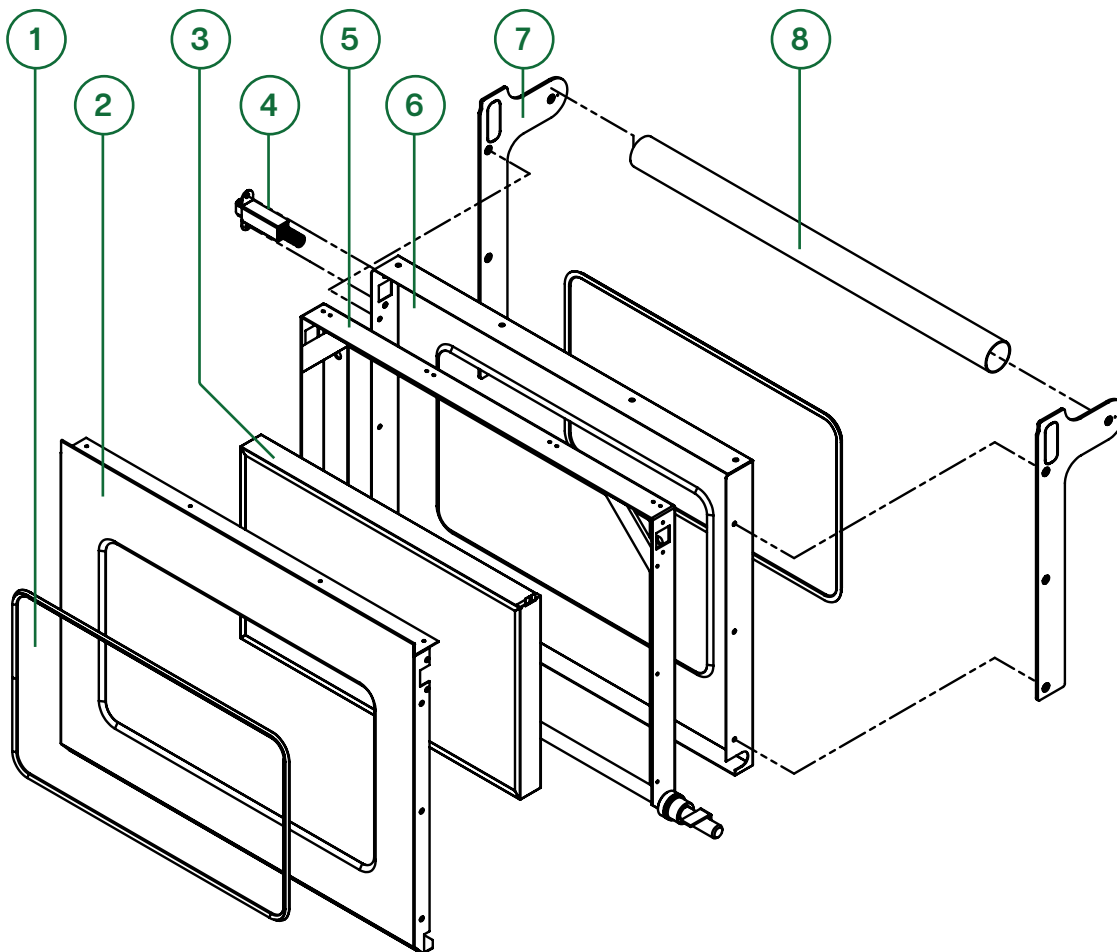


PARTS LIST

Key	Description	Item #	Qty
1	FAN WHEEL	541010263	1
2	HEAT SHIELD	—	1
3	BOLT	—	2
4	REINFORCEMENT PLATE	—	2
5	BOLT	—	4
6	HEAT SHIELD	—	1
7	BUSHING	—	1
8	THERMAL INSULATION WASHER	—	4

Key	Description	Item #	Qty
9	PILLAR	541202328	4
10	BAFFLE	—	1
11	FAN MOTOR	541010239	1
12	RIVET NUT	—	2
13	NUT	—	2
14	BOLT	—	2

DOOR ASSEMBLY PARTS DIAGRAM

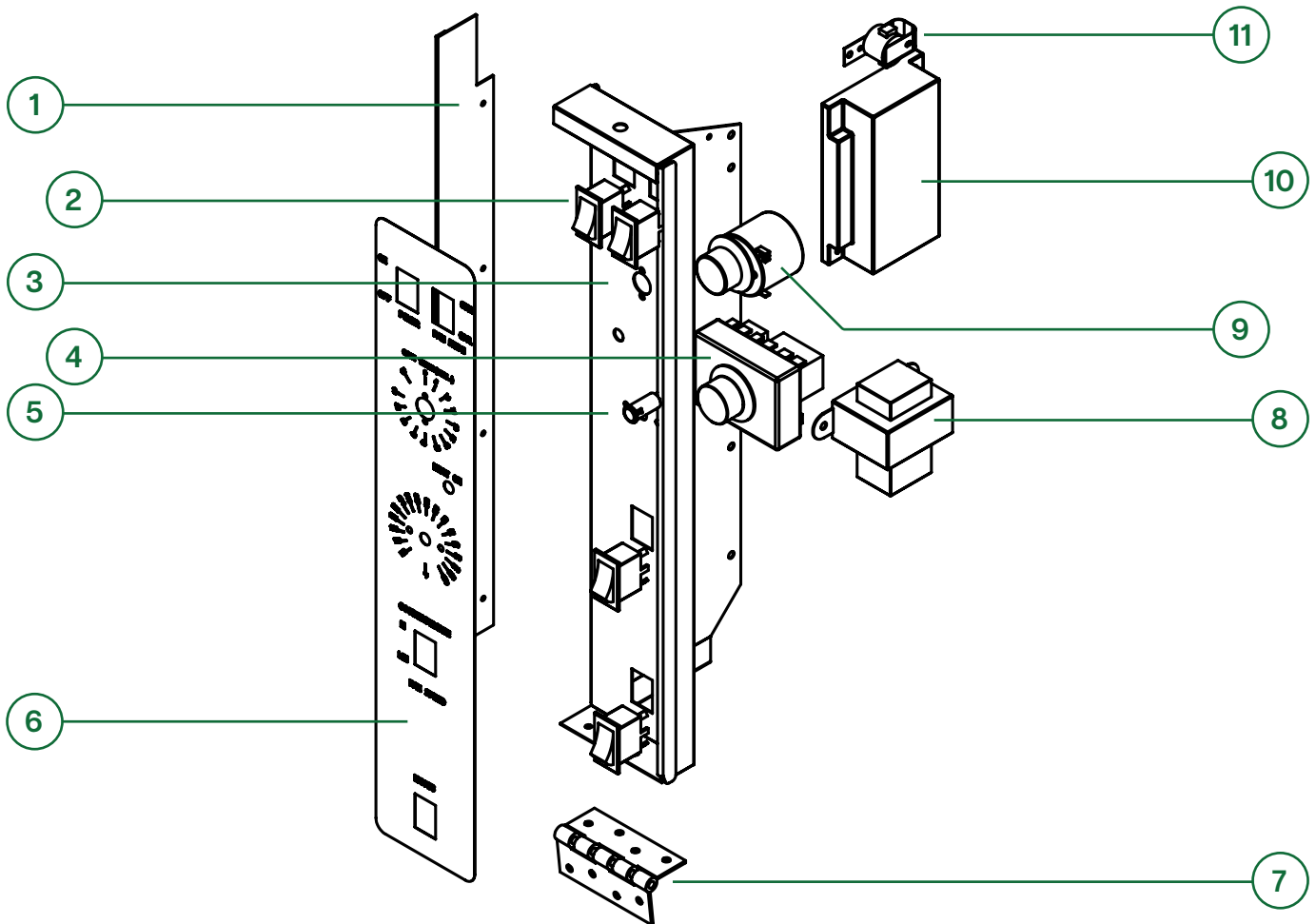


PARTS LIST

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



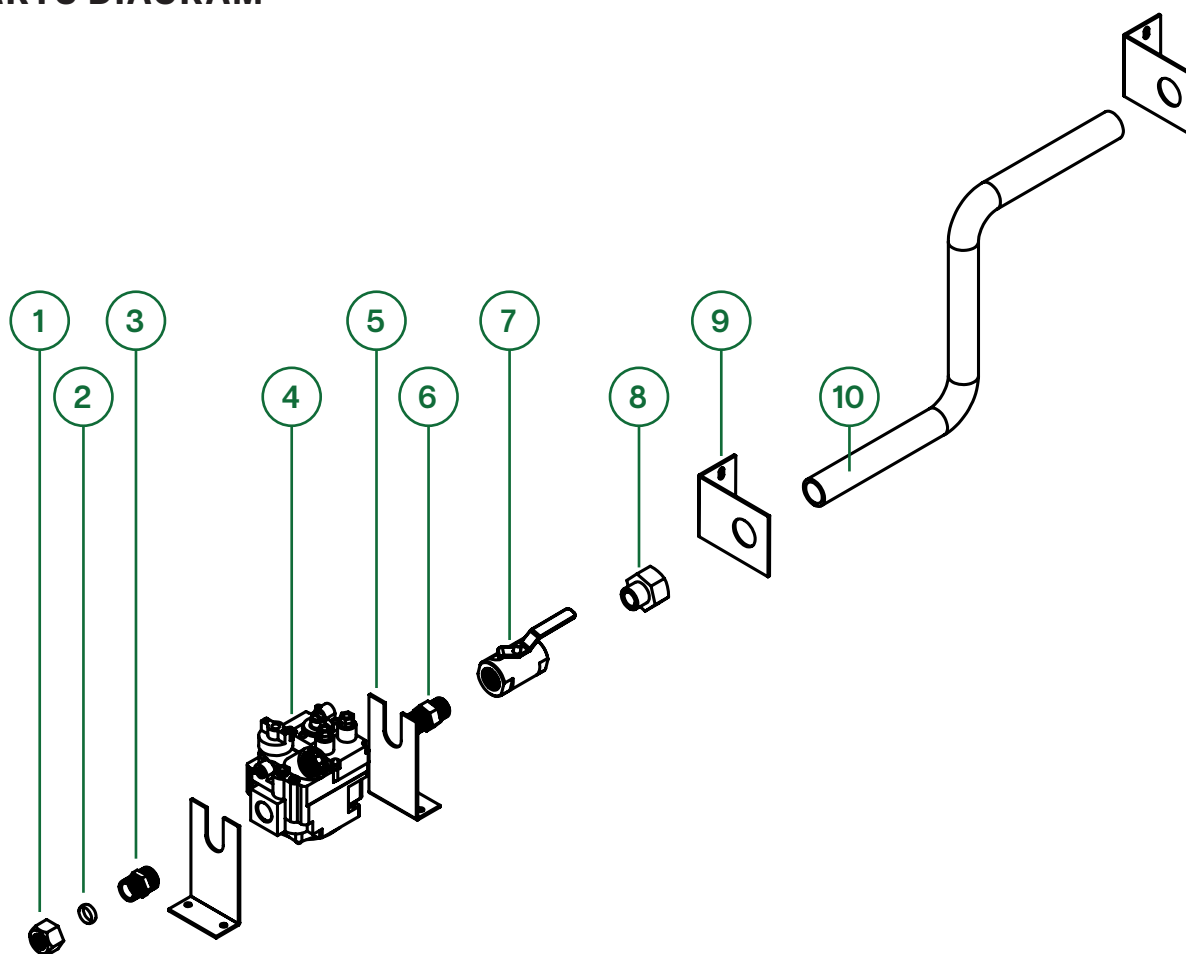
PARTS LIST

Key	Description	Item #	Qty
1	SIDE PANEL (CONTROL PANEL)	—	1
2	WATER-PROOF ROCKER SWITCH	541080141	4
3	CONTROL PANEL	—	1
4A	THERMOSTAT	541030208	1
4B	TIMER/TEMPERATURE KNOB	541110438	1
5	INDICATOR LIGHT	541130140	1

Key	Description	Item #	Qty
6	ADHESIVE STICKER	—	1
7	HINGE	—	1
8	TRANSFORMER	541100149	1
9A	TIMER SWITCH	541120028	1
9B	TIMER/TEMPERATURE KNOB	541110438	1
10	IGNITION CONTROLLER	541150304	1
11	BUZZER	541100086	1

MAIN GAS PIPE

PARTS DIAGRAM



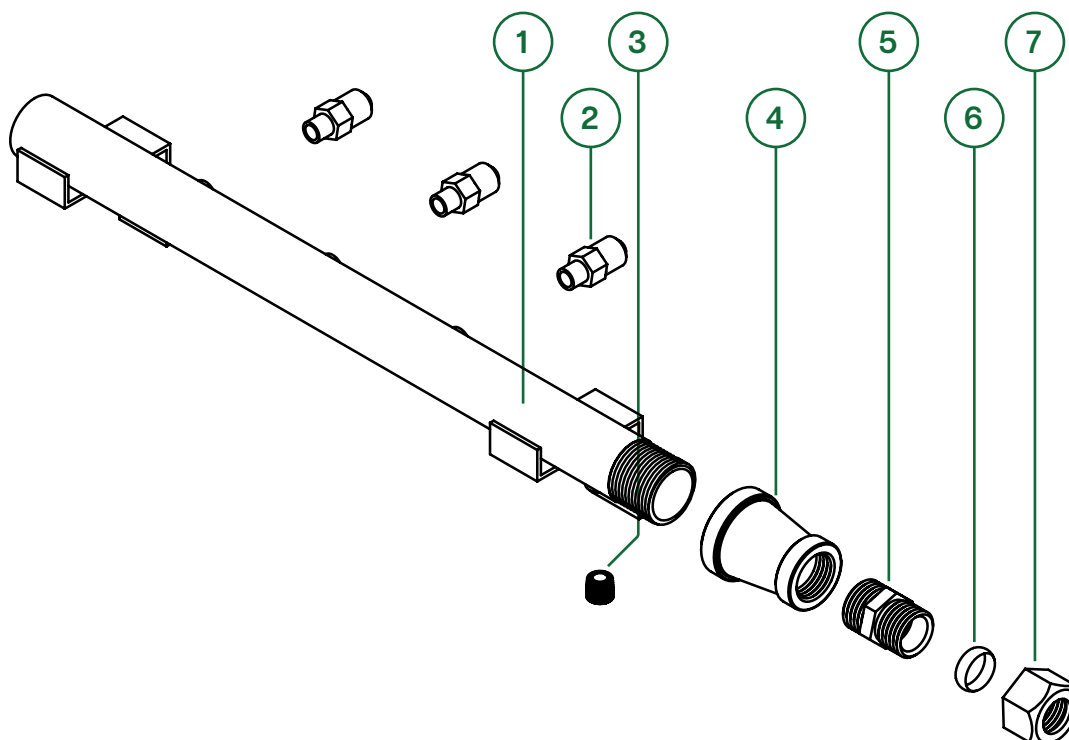
PARTS LIST

Key	Description	Item #	Qty
1	NUT	—	1
2	GAS TUBE CLAMP	541140079	1
3	GAS TUBE CONNECTOR	541140077	1
4	SAFETY VALVE	541220079	1
5	FIXED PLATE (VALVE)	—	2
6	STRAIGHT CONNECTOR	—	1
7	BALL VALVE	—	1

Key	Description	Item #	Qty
8	CONNECTOR	—	1
9	FIXED PLATE (GAS INLET PIPE)	—	2
10	GAS INLET PIPE ASSEMBLY	—	1

INLET GAS PIPE

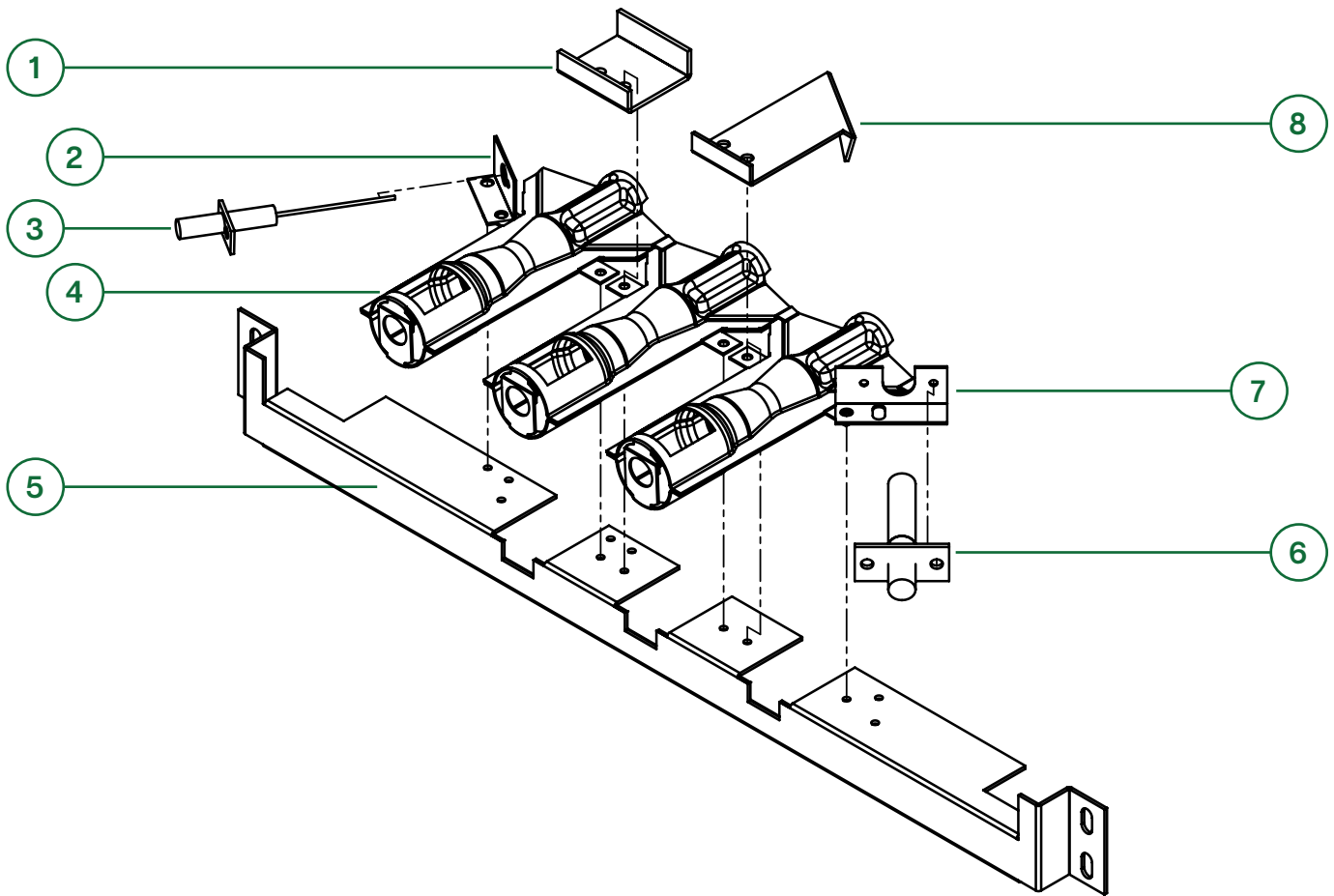
PARTS DIAGRAM



PARTS LIST

Key	Description	Item #	Qty
1	GAS PIPE	—	1
2A	ORIFICE - NATURAL GAS	541150212	3
2B	ORIFICE - LIQUID PROPANE	541150211	3
3	TEST PLUG	—	1
4	STRAIGHT PIPE	—	1
5	GAS TUBE CONNECTOR	541140077	1
6	GAS TUBE CLAMP	541140079	1
7	NUT	—	1

BURNER ASSEMBLY PARTS DIAGRAM



PARTS LIST

Key	Description	Item #	Qty
1	PRESSING PLATE (BURNER)	—	1
2	FIXED PLATE (PROBE)	—	1
3	FLAME SENSOR	541220129	1
4	BURNER	—	3
5	BRACKET (BURNER)	—	1
6	IGNITER	541170039	1
7	FIXED PLATE (IGNITER)	—	1
8	FLAME SPREADING PLATE	—	1

ELECTRICAL DIAGRAM





PARTS MANUAL

ELECTRICAL DIAGRAM

#	Symbol	Part Code	Our Item #	Description
1	S1	301080026	541080026	Protection Switch (Ec)
2	S2	301080141	541080141	Power Switch
3	S3	301080079	541080079	Door Switch
4	O	302170069	541170069	Temperature Sensor
5	S5	301080141	541080141	Cook/Cool Switch
6	S6	301080141	541080141	Hi/Low Switch
7	S7	301080141	541080141	Lamp Switch
8	HL	301130151	541130151	Chamber Lamp
9	M1	301010262	-	Fan
10	PT	301120028	541120028	Timer (N.C.)
11	HA	301100086	541100086	Buzzer
12	T1	301100149	541100149	Transformer
13	IC1	301030208	541030208	Thermostat
14	HL1	301130140	541130140	Working Indicator
15	J1	301070047	5411070047	Connector
16	J2	301070080	-	Connector