



**HV-100G
HYDROVECTION OVEN
REPLACEMENT PARTS LIST**

EFFECTIVE APRIL 15, 2016

Superseding All Previous Parts Lists.

The Company reserves the right to make substitution in the event that items specified are not available.

ERRORS: Descriptive and/or typographic errors are subject to correction.

BLODGETT OVEN COMPANY

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www.blodgett.com

P/N 54812 Rev N

SERIAL NUMBER LOCATION / KEY:

IMPORTANT: When ordering parts, please provide the model, gas type and serial number of the oven. The identification plate is located on the back of the oven.

SERIAL NUMBER IDENTIFICATION CODE:

KJ = HV-100G HYDROVECTION OVEN

SERIAL NUMBER EXAMPLES

080111KJ001

08/01/11 = DATE

KJ = LETTER CODE FOR HV-100G

001 = FACTORY SEQUENCE

TO OBTAIN LITERATURE:

Email: literature@blodgett.com

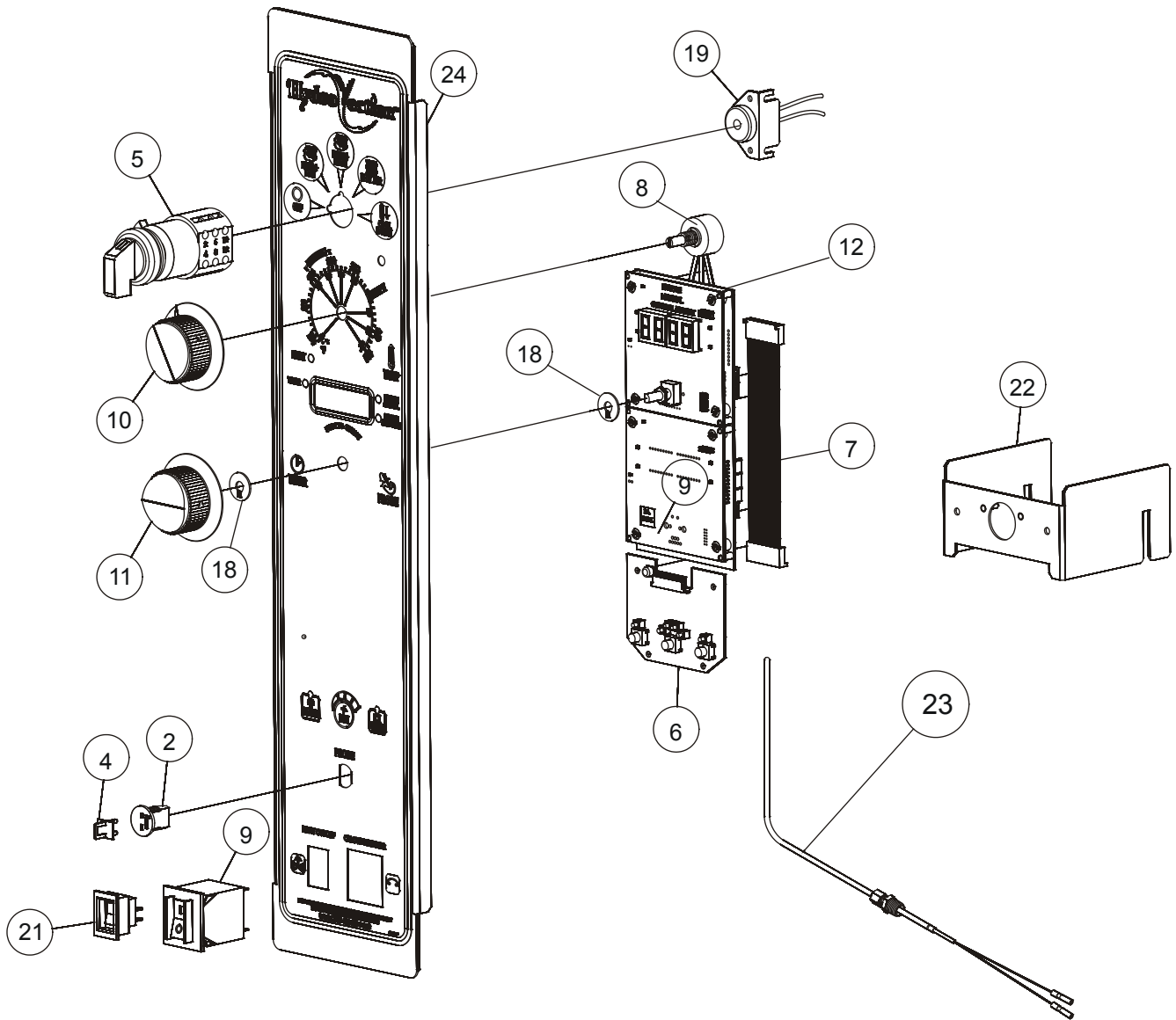
or visit

www.blodgett.com

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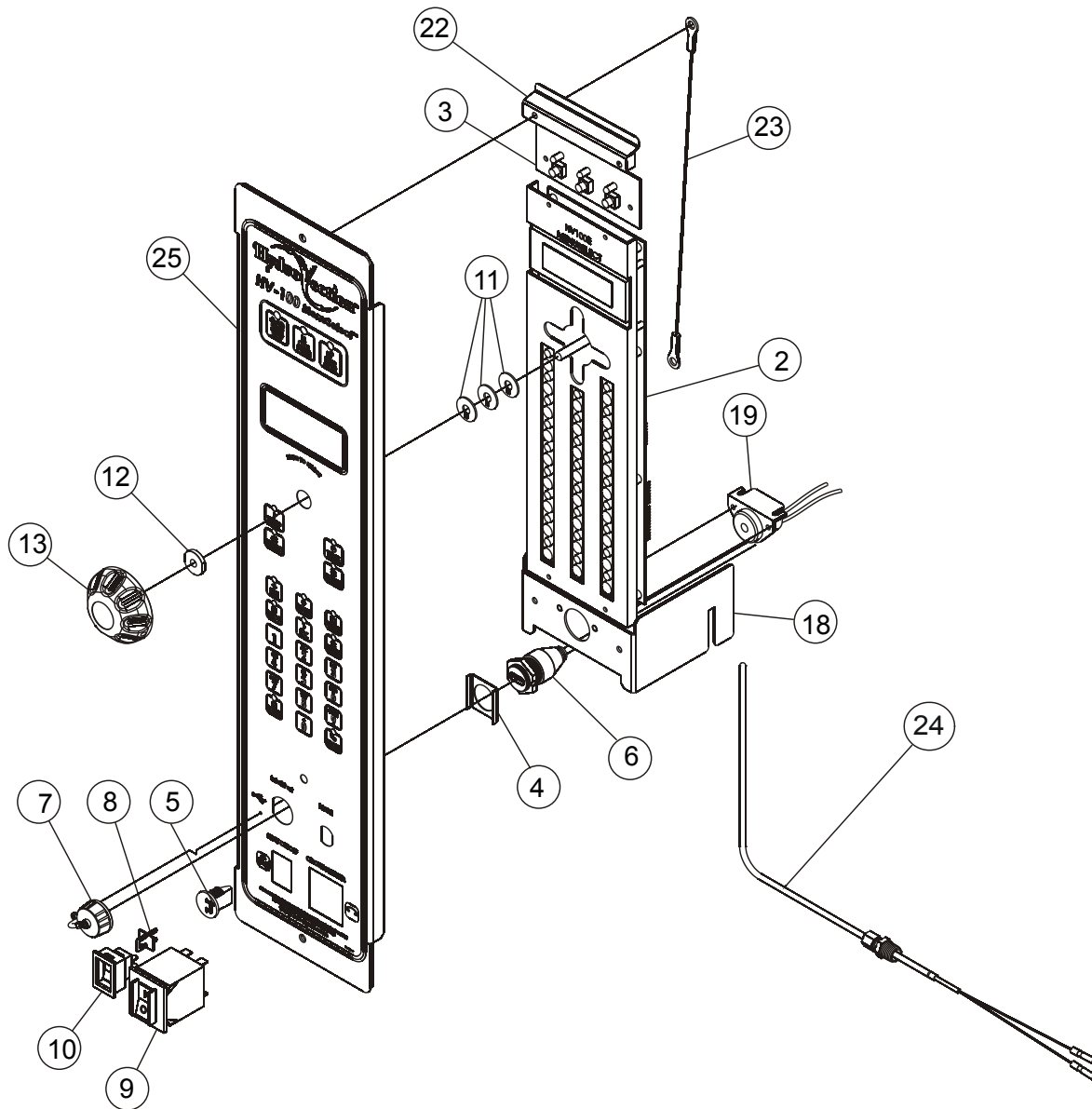
MANUAL CONTROLS



Ref. No.	Part No.	Description
2	39781	MEAT PROBE JACK
4	39782	MEAT PROBE JACK PLUG
5	52466	ROTARY SWITCH, 5-POSITION
6	53157	BOARD, 3 BUTTON HYDRO MANUAL
7	53344	HARNESS, MANUAL CONTROL CONNECTOR
8	18234	POTENTIOMETER
9	39688	CIRCUIT BREAKER, 20A
10	36616	KNOB, W/ARROW
11	36617	KNOB, W/O ARROW
12	54932	PROGRAMMED, HV100 MANUAL, G.M.

Ref. No.	Part No.	Description
18	54340	SPACER, ENCODER SUPPORT (SET OF 2)
19	53759	BUZZER, REMOTE
21	36376	SWITCH, GAS, ON/OFF
22	54942	BRACKET, HANGING CONTROL
23	53007	CAVITY PROBE
	54075	COMMUNICATION CABLE
	52806	DEFLECTOR, CONTROL PANEL DRIP
	20043	CABLE, STRAIN RELIEF
24	58541	PANEL & DECAL

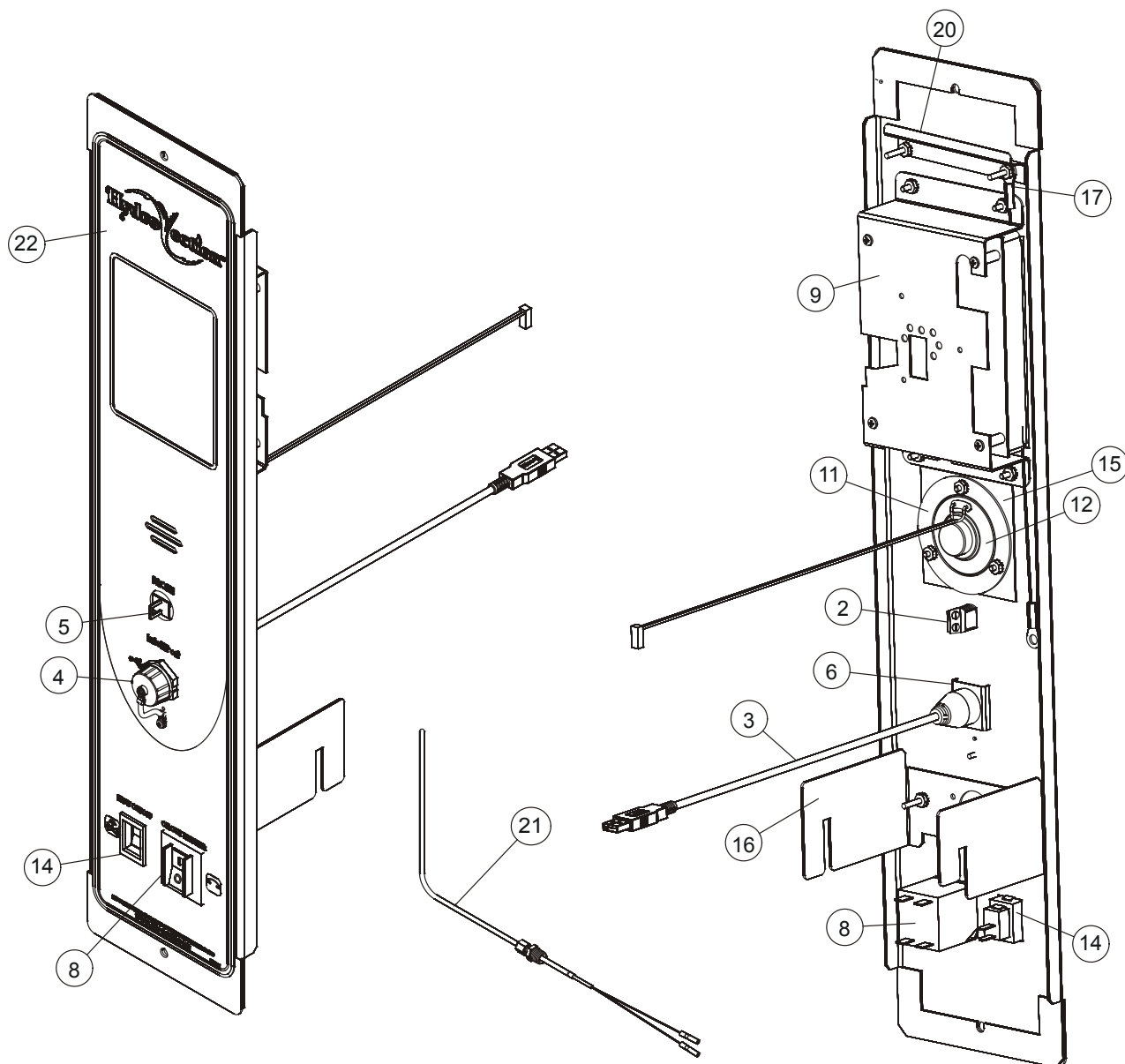
MENUSELECT CONTROLS



Ref. No.	Part No.	Description
2	54937	PROGRAMMED CONTROL, HV100 MENUSELECT
3	39122	BOARD, 3 BUTTON PCB
4	52600	SPACER, USB PORT
5	39781	MEAT PROBE JACK
6	52647	USB CABLE, 1 METER
7	52161	COVER, USB
8	39782	MEAT PROBE JACK PLUG
9	39688	CIRCUIT BREAKER, 20A
10	36376	SWITCH, GAS, ON/OFF

Ref. No.	Part No.	Description
11	54340	SPACER, ENCODER SUPPORT
12	54341	SLEEVE, ENCODER SUPPORT
13	51372	KNOB
18	54631	BRACKET, HANGING CONTROL
19	53759	BUZZER, REMOTE
	52806	DEFLECTOR, CONTROL PANEL DRIP
23	20043	CABLE, STRAIN RELIEF
24	53007	CAVITY PROBE
	54073	COMMUNICATIONS CABLE
	52926	FLASHDRIVE, USB
25	58542	PANEL & DECAL

SMART TOUCH CONTROL

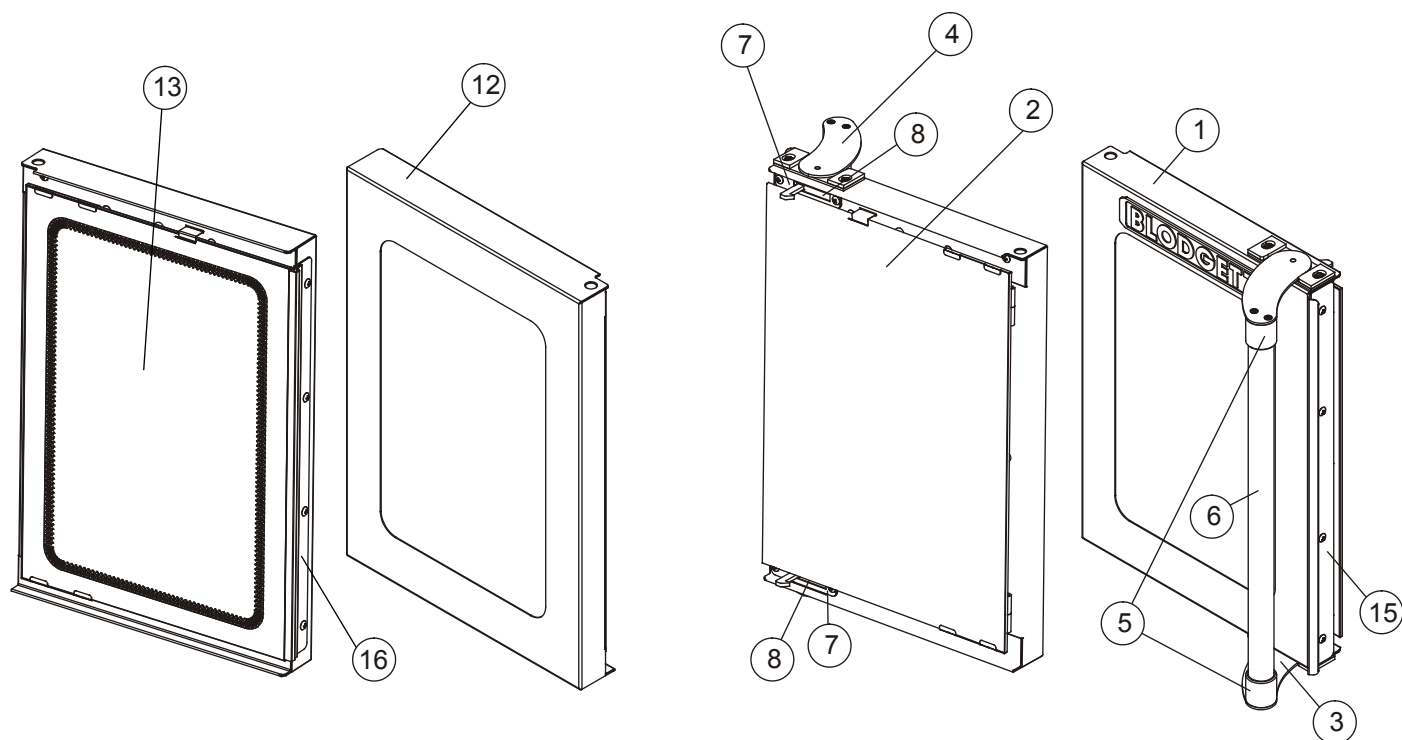


Ref. No.	Part No.	Description
2	39781	MEAT PROBE JACK
3	52160	USB CABLE
4	52161	COVER, USB
5	39782	MEAT PROBE JACK PLUG
6	52600	SPACER, USB PORT
8	39688	CIRCUIT BREAKER, 20A
9	55161	CONTROL, TOUCH SCREEN, BEFORE 11/8/13
	57734	CONTROL, TOUCH SCREEN, AFTER 11/8/13
	57732	CONTROL, TOUCH SCREEN, DUNKIN DONUTS
	57958	CONTROL, TOUCH SCREEN, LONGHORN

Ref. No.	Part No.	Description
11	53220	SPEAKER RETAINER
12	53219	SPEAKER
14	36376	SWITCH, GAS, ON/OFF
15	54440	SPEAKER COVER
16	54631	BRACKET, HANGING CONTROL
17	20043	CABLE, STRAIN RELIEF
20	52806	DEFLECTOR, CONTROL PANEL DRIP
21	53007	CAVITY PROBE
	54330	COMMUNICATIONS CABLE
22	58038	PANEL & DECAL ASSY., SMART TOUCH

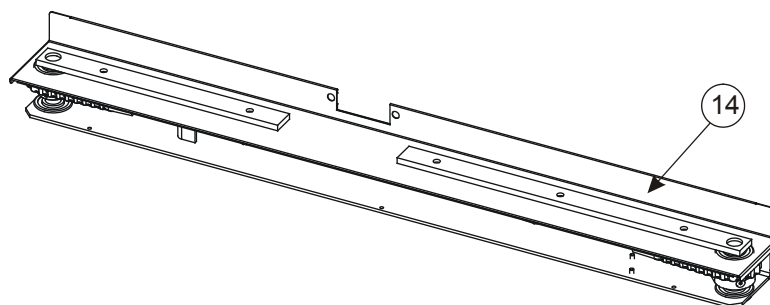
DOORS

STAINLESS STEEL



RH DOOR

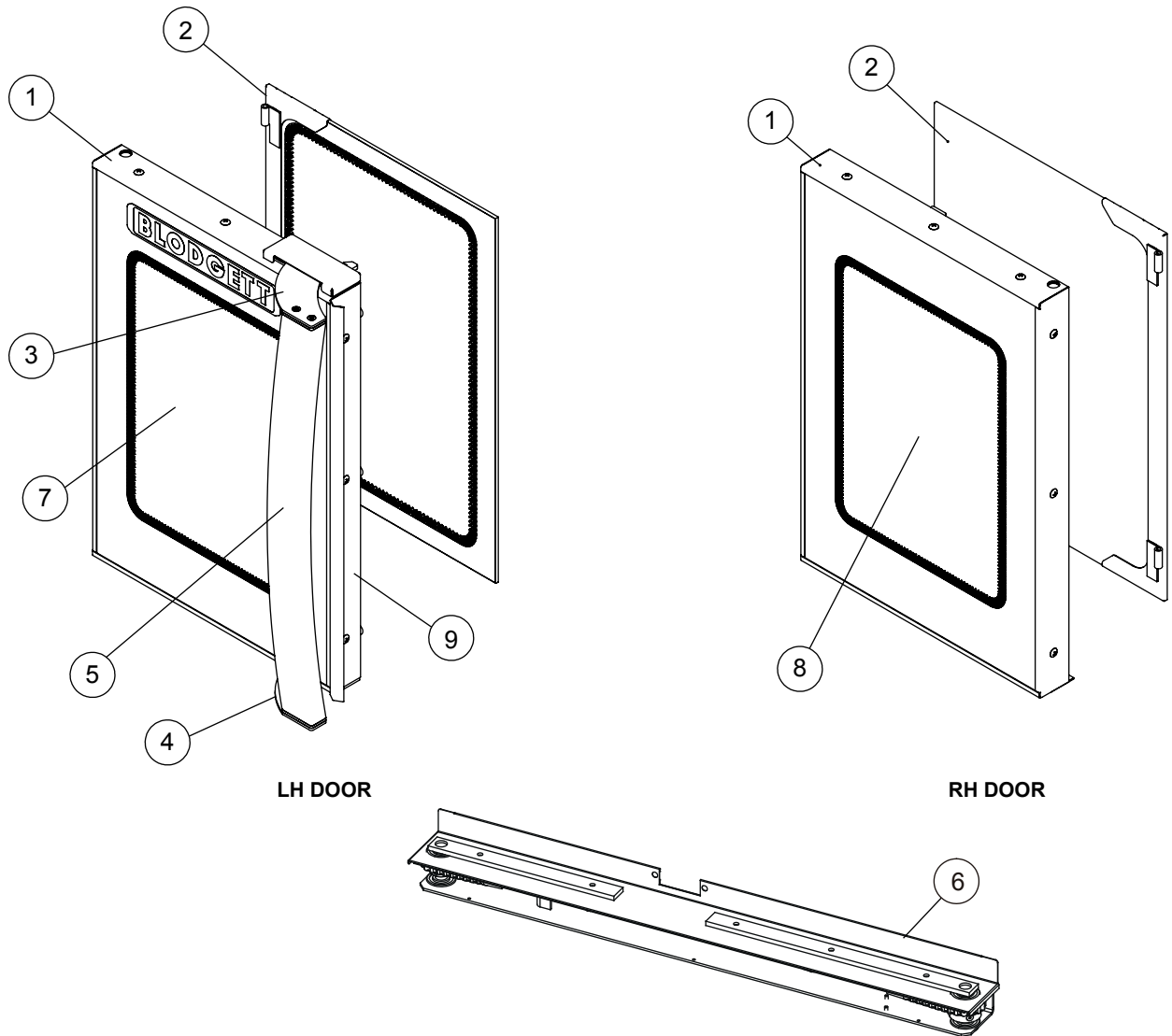
LH DOOR



Ref. No.	Part No.	Description
1	56762	ASSEMBLY, LH OUTER DOOR
2	51534	ASSEMBLY, LH INNER DOOR GLASS
3	58936	ASSY, LATCH RH
4	58937	ASSY, LATCH LH
5	50213	END CAP, HANDLE
6	51542	ASSEMBLY, DOOR HANDLE
7	51539	PLATE, LATCH COVER (QTY 2)
8	51668	GASKET, DOOR LATCH (QTY 2)
12	56766	ASSEMBLY, RH OUTER DOOR
13	51556	ASSEMBLY, RH INNER DOOR GLASS
14	57953	DOOR TURNBUCKLE ASSEMBLY
	52514	DOOR SWITCH ASSEMBLY
15	51450	LH DOOR CENTER CHANNEL
16	51610	RH DOOR CENTER GASKET
	51631	RUBBER BUMPER (PUSH IN STYLE)
	60185	BUMPER (SCREW IN STYLE)

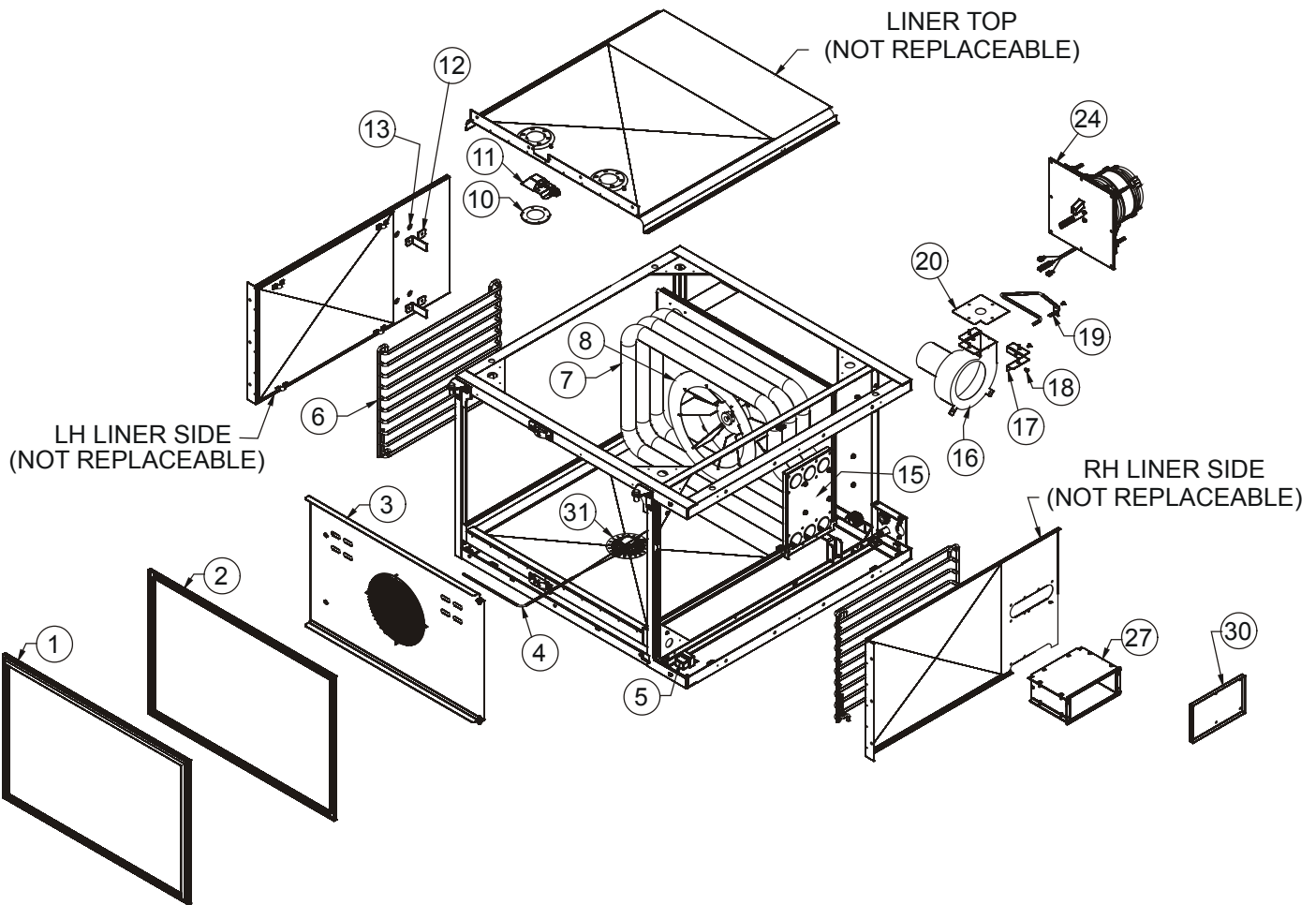
DOORS

BLACK GLASS



Ref. No.	Part No.	Description
1	55528	LH OUTER DOOR (COMPLETE AS SHOWN)
1	55542	RH OUT DOOR (COMPLETE AS SHOWN)
2	51534	LH INNER GLASS
	51556	RH INNER GLASS
3	58939	LATCH ASSY, RECT, LH
4	58938	LATCH ASSY, RECT, RH
5	55608	DOOR HANDLE
6	57953	DOOR TURNBUCKLE
	52514	DOOR SWITCH
7	55531	LH FRONT GLASS
8	55532	RH FRONT GLASS
9	55533	CENTER TRIM
	51610	CENTER DOOR GASKET
	60185	BUMPER (SCREW IN STYLE)
	51519	CLIP, DOOR GLASS

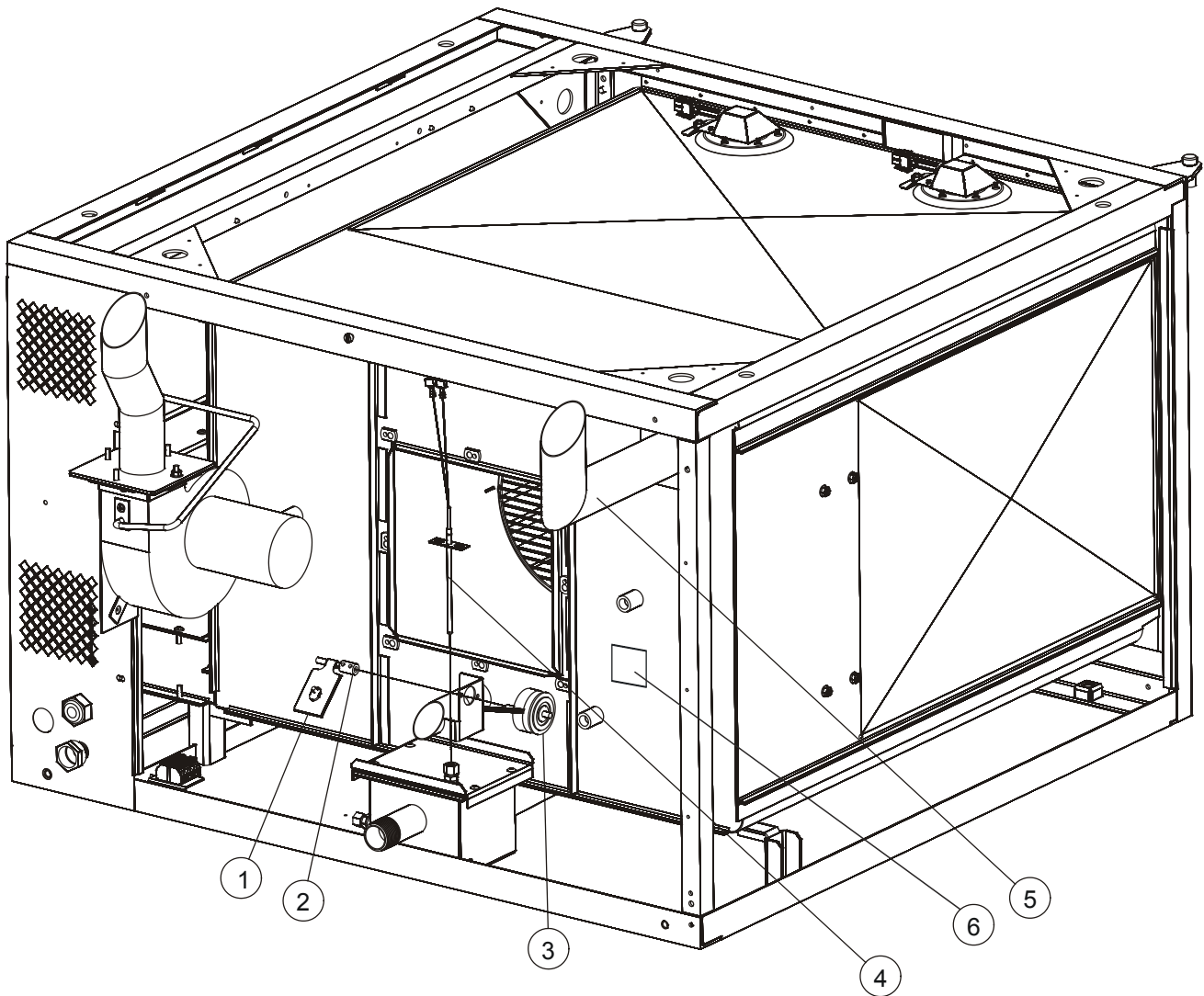
INTERIOR COMPONENTS



Ref. No.	Part No.	Description
1	52716	PERIMETER GASKET
2	54770	ASSY, GASKET CHANNEL
3	54860	BAFFLE - BEFORE 8-22-12
3	55970	BAFFLE - AFTER 8-22-12 AND BEFORE 11/12/13
	55877	BAFFLE AFTER 11/11/13
4	53007	CAVITY TEMPERATURE PROBE AND FITTING KIT
5	36441	HIGH LIMIT THERMOSTAT
6	54856	SIDE RACK SUPPORT (SET OF 2)
	R3664	WIRE RACK
7	54791	HEAT EXCHANGER ASSY, HV100G
8	55303	BLOWER WHEEL AND KEY
10	53081	LIGHT GLASS ASSEMBLY, CIRCULAR
11	53194	LAMP HOUSING ASSEMBLY
12	54151	BAFFLE, STOP BRACKET (HV100G), BEFORE 11/12/13
13	R9648	WASHER, 1/4 X 5/8, BEFORE 11/12/13
15	54634	GASKET, HEAT EXCHANGER
16	55603	BLOWER MOTOR & GASKETS, 120 VOLT

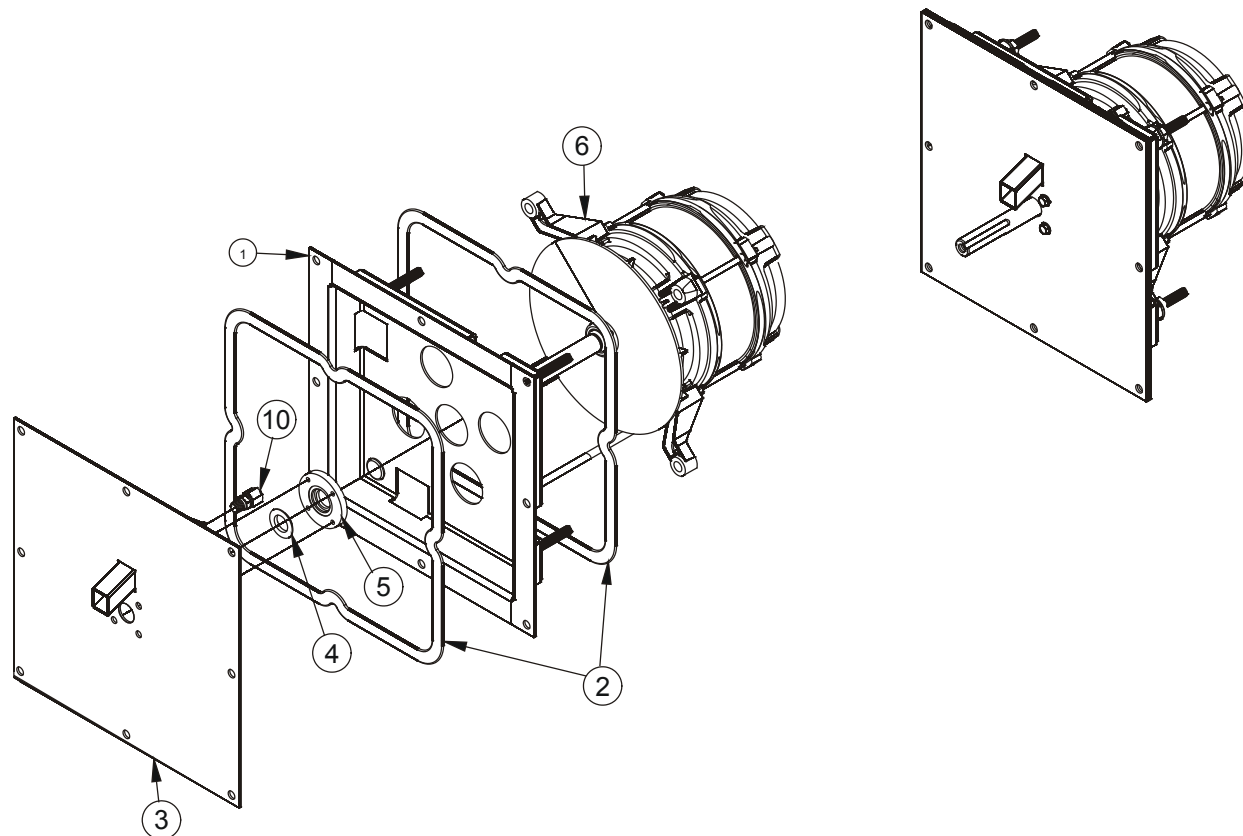
Ref. No.	Part No.	Description
17	54405	DRAFT INDUCER ADAPTER BEFORE 5-22-12
17	55776	DRAFT INDUCER ADAPTER AFTER 5-22-12
19	54447	TUBE, PRESSURE SWITCH BEFORE 5-22-12
19	55772	TUBE, PRESSURE SWITCH AFTER 5-22-12
20	54406	RESTRICTOR PLATE, HV100G-NATGAS BEFORE 5-22-12
20	55742	RESTRICTOR PLATE, HV100G-NATGAS AFTER 5-22-12
24	54293	MOTOR ASSEMBLY
27	54164	BURNER BOX ASSEMBLY (HV100G)
30	54404	DRAFT INDUCER BOX COVER
32	50506	DRAIN STRAINER
	53101	HALOGEN BULB, 12V 20W GY6 .35"
	58996	FRONT CAVITY VENT GASKET

VENT COMPONENTS



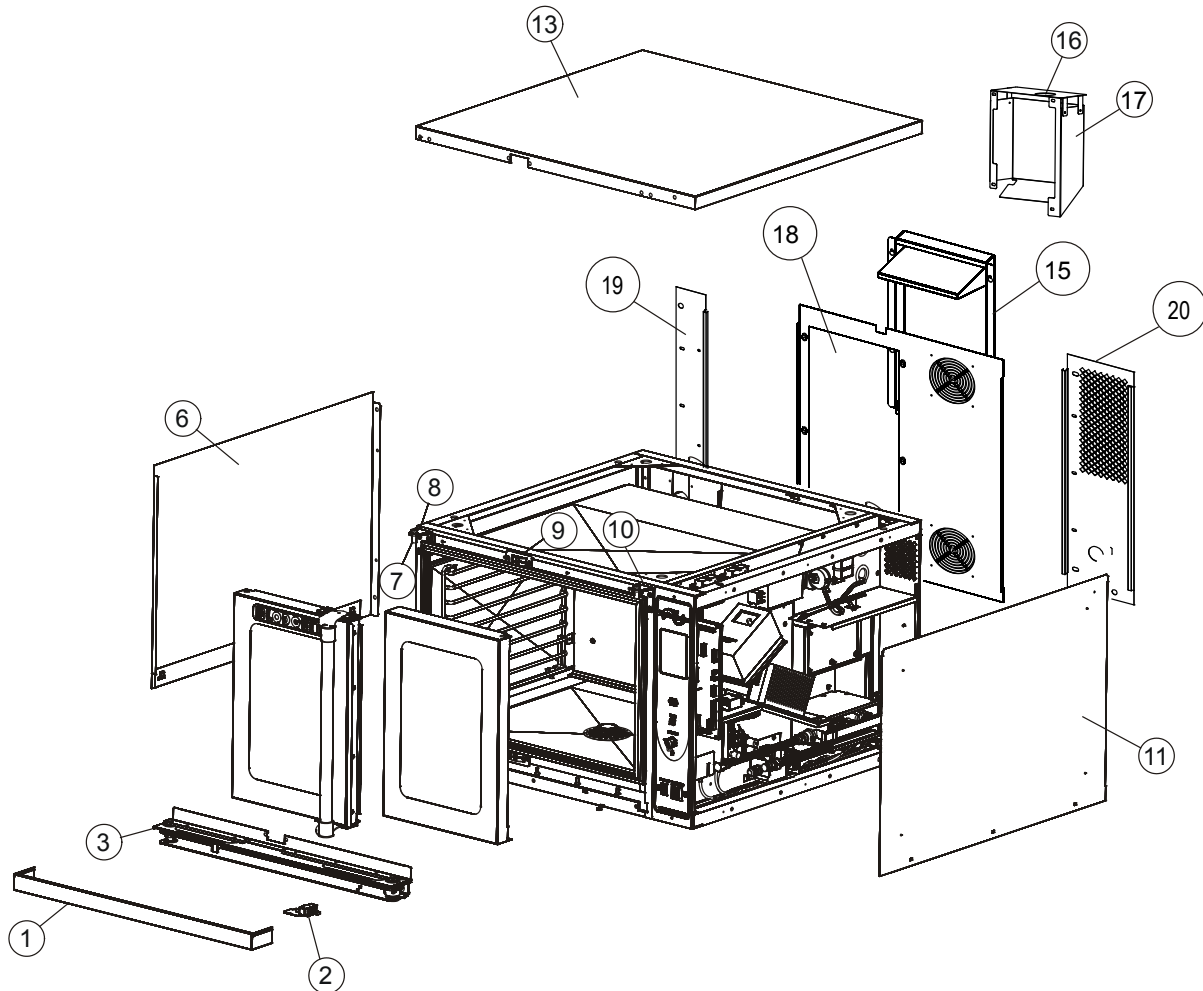
Ref. No.	Part No.	Description
1	50204	VENT LID ASSEMBLY, BEFORE 9/19/2011
2	39329	SHAFT COUPLING, BEFORE 9/19/2011
	55024	VENT LID W/COUPLING, AFTER 9/19/2011
3	53008	CAVITY VENT SOLENOID
4	36720	QUENCH PROBE
5	54772	CAVITY VENT GASKET
6	58992	GASKET & COVER

MOTOR



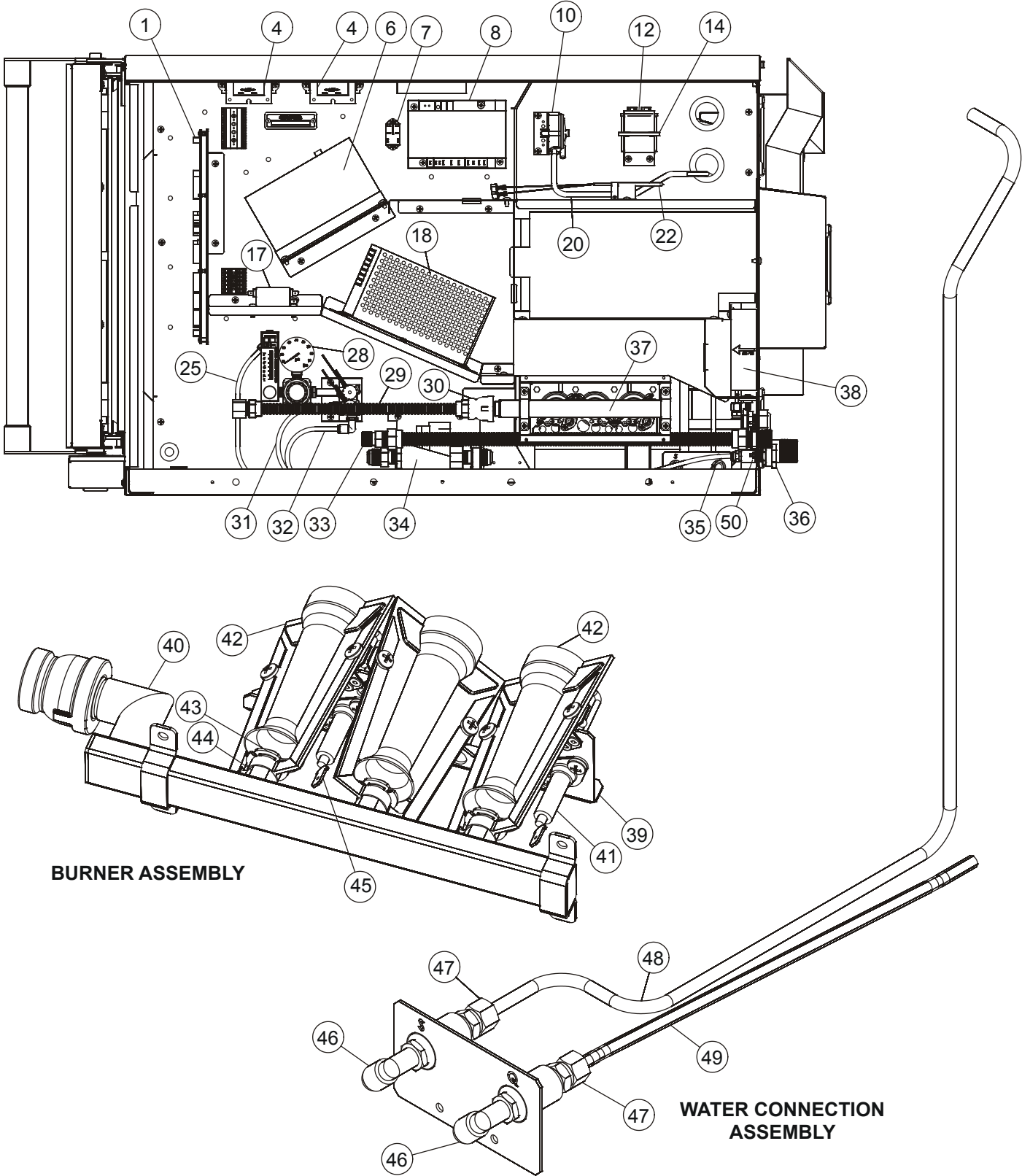
Ref. No.	Part No.	Description
1	54294	MOTOR MOUNT ASSEMBLY
2	56956	MOTOR MOUNT GASKET
3	54296	ASSY, COVER PLATE, WATER INJECTION MANIFOLD
4	R4244	SHAFT SEAL
5	R8955	SEAL RETAINER
6	55301	MOTOR AND KEY
10	M0959	FITTING, COMPRESSION, STRAIGHT

EXTERIOR COMPONENTS



<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	51698	FRONT TRIM
2	52514	DOOR SWITCH ASSEMBLY
3	51603	TURNBUCKLE ASSEMBLY
6	52479	LH BODYSIDE
7	51591	HINGE PIN (LEFT AND RIGHT)
8	51081	LH HINGE
9	57889	DOOR CATCH (TOP AND BOTTOM)
10	51082	RH HINGE
11	51105	RH BODYSIDE
13	51253	BODYTOP
15	57103	BODYBACK, ACCESS PANEL - BEFORE 5-4-2015
	58597	BODYBACK, ACCESS PANEL - AFTER 5-4-2015
16	55067	DRAFT INDUCER BLOWER COVER - BEFORE 5-22-12
16	55735	DRAFT INDUCER BLOWER COVER - AFTER 5-22-12
17	55068	DRAFT INDUCER COVER TOP - BEFORE 5-22-12
17	55736	DRAFT INDUCER COVER TOP - AFTER 5-22-12
	M9616	AXIAL FAN, DRAFT INDUCER MOTOR - AFTER 5-22-12
18	54419	CENTER BODYBACK - BEFORE 5-4-2015
	58333	CENTER BODYBACK - AFTER 5-4-2015
19	54427	RH BODYBACK - BEFORE 5-4-2015
	58331	RH BODYBACK - AFTER 5-4-2015
20	54413	LH BODYBACK - BEFORE 5-4-2015
	58334	LH BODYBACK - AFTER 5-4-2015

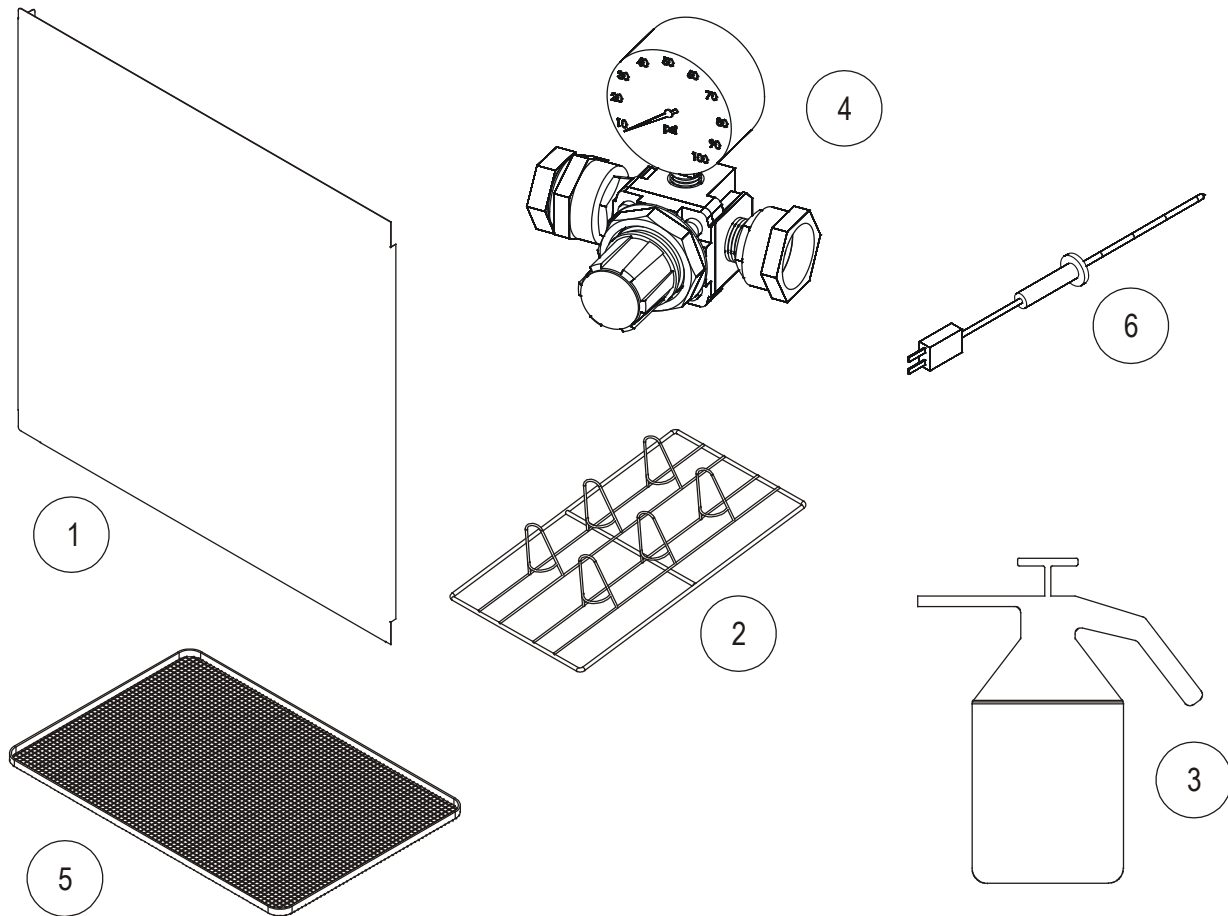
ELECTRICAL & GAS COMPONENTS



ELECTRICAL & GAS COMPONENTS

Ref. No.	Part No.	Description
1	53206	INTERFACE BOARD, (TOUCH SCREEN), BEFORE 11/8/13
	57727	INTERFACE BOARD, (TOUCH SCREEN), AFTER 11/8/13
	54380	INTERFACE BOARD (MENSELECT, MANUAL)
4	38303	TRANSFORMER, 40VA 120-240P/24S
6	58475	PROG. INVERTER ASSEMBLY, 120V
	58476	PROG. INVERTER ASSEMBLY, 120V, DUNKIN DONUTS
	54666	PROG. INVERTER, 208/240 VOLT
	57681	PROG. INVERTER, 208/240V, DUNKIN DONUTS
7	56738	RELAY, SPST 24 VDC (IQ2)
8	54388	CONTROL, IGNITION, FENWAL HV100G
	54503	IGNITION WIRE
10	M9422	SWITCH, PRESSURE ONLY DOM/CE
12	38610	CAPACITOR, ELECTROLYTIC 5MFD
14	11502	TIE, WIRE 3/16 X 14" MAX
17	53902	FILTER, EMI
18	52946	POWER SUPPLY, 24VDC
	M3166	POWER SUPPLY FUSE
20	M9705	TUBING, POLYURETHANE (BY THE INCH, 36" TOTAL PRESSURE)
21	33088	CLIP, BULB THERMISTER
22	51516	PROBE, 3/16" DIA. RTD
25	52353	RED TUBING, 1/4" OD POLYURETHANE (BY THE INCH)
28	58533	ASSY, WATER DISTRIBUTION
	58350	FLOW VALVE - AFTER 5-15-2015
29	33249	HOSE, FLEX 1/2" GAS
30	16118	COUPLING, REDUCER
31	52352	GREEN TUBING, 1/4" OD POLYURETHANE (BY THE INCH)
32	52351	BLUE TUBING, 1/4" OD POLYURETHANE (BY THE INCH)
33	36229	GAS ADAPTER ASSEMBLY DFG100
34	38742	GAS VALVE ASY, DIRECT SPARK NATURAL GAS
	38743	GAS VALVE ASY, DIRECT SPARK PROPANE
35	54637	WATER CONNECTION ASSEMBLY
36	R9580	FITTING, 1/4 NPT TO TO GHT BRASS
	50261	HOSE FILTER
37	54453	BURNER ASSEMBLY, NATURAL GAS
	54645	BURNER ASSEMBLY PROPANE GAS
38	54393	COOLING FAN ASSEMBLY
39	54454	BURNER SUPPORT
40	54173	BURNER MANIFOLD
41	38517	ELECTRODE, 90 DEG, SPARK
42	54638	INSHOT BURNER
43	38964	RING, RETAINING 1/2" POODLE
44	54175	ORIFICE, .082" (NATURAL GAS)
	54640	ORIFICE, .063" (PROPANE)
45	38517	FLAME SENSOR
	57796	KIT, LP TO NATURAL CONVERSION
46	51617	ELBOW, 1/4" PTC X 1/4" NPT SWI
47	38844	FITTING, 1/4 NPT X 1/4 COMP
48	52955	TUBE, FLEX 1/4" OD X 30"
49	52956	TUBE, FLEX 1/4" OD X 12"

ACCESSORIES



Ref. No.	Part No.	Description
1	52889	HEAT SHIELD KIT
2	52387	CHICKEN ROASTING RACK
3	R10955	SPRAY BOTTLE
4	54734	PRESSURE REGULATOR, WITH HOSE REEL
	52815	PRESSURE REGULATOR W/OUT HOSE REEL
5	54247	FRY RACK, MULTI PURPOSE
	5996	CORDSET
	8598	25" S/S LEGS W/FEET (SET OF 4)
	16002	CASTERS (SET OF 4)
	54698	34" OPEN STAND W/GUIDES AND FEET
	54699	34" OPEN STAND W/GUIDES AND CASTERS
	33196	6" SEISMIC LEGS (SET OF 4)
	8600	6" S/S LEGS W/FEET (SET OF 4)
	53057	8-1/2" LEGS W/CASTERS (SET OF 4)
	53058	11" LEGS W/FEET (SET OF 4)
	53059	11" LEGS W/SEISMIC FEET (SET OF 4)
6	56545	MEAT PROBE, 4", DUAL SENSOR
6	56546	MEAT PROBE, 6", DUAL SENSOR
	57685	MEAT PROBE, 4" FILLET
	21242	48" GAS HOSE
	21826	36" GAS HOSE
	54671	EXTERNAL HOSE REEL KIT
	52998	SPRAY NOZZLE (PUSH-BUTTON)
	54801	GAS MANIFOLD
	58536	KIT, STACKING (HOSE REEL NOT INCLUDED)