HVH-100E & HVH-100E-AB
ELECTRIC HYDROVECTION HELIX OVENS
REPLACEMENT PARTS LIST

EFFECTIVE JULY 29, 2026

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 58529 Rev AL

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:

DT = HVH-100E HYDROVECTION OVEN

DT OR BN = HVH-100E-AB HYDROVECTION OVEN

SERIAL NUMBER EXAMPLES

011915DT001

01/19/15 = DATE

DT = LETTER CODE FOR HV-100E

001 = FACTORY SEQUENCE

TO OBTAIN LITERATURE:

Email: literature@blodgett.com
or visit
www.blodgett.com

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HVH-100E & HVH-100E-AB OVENS

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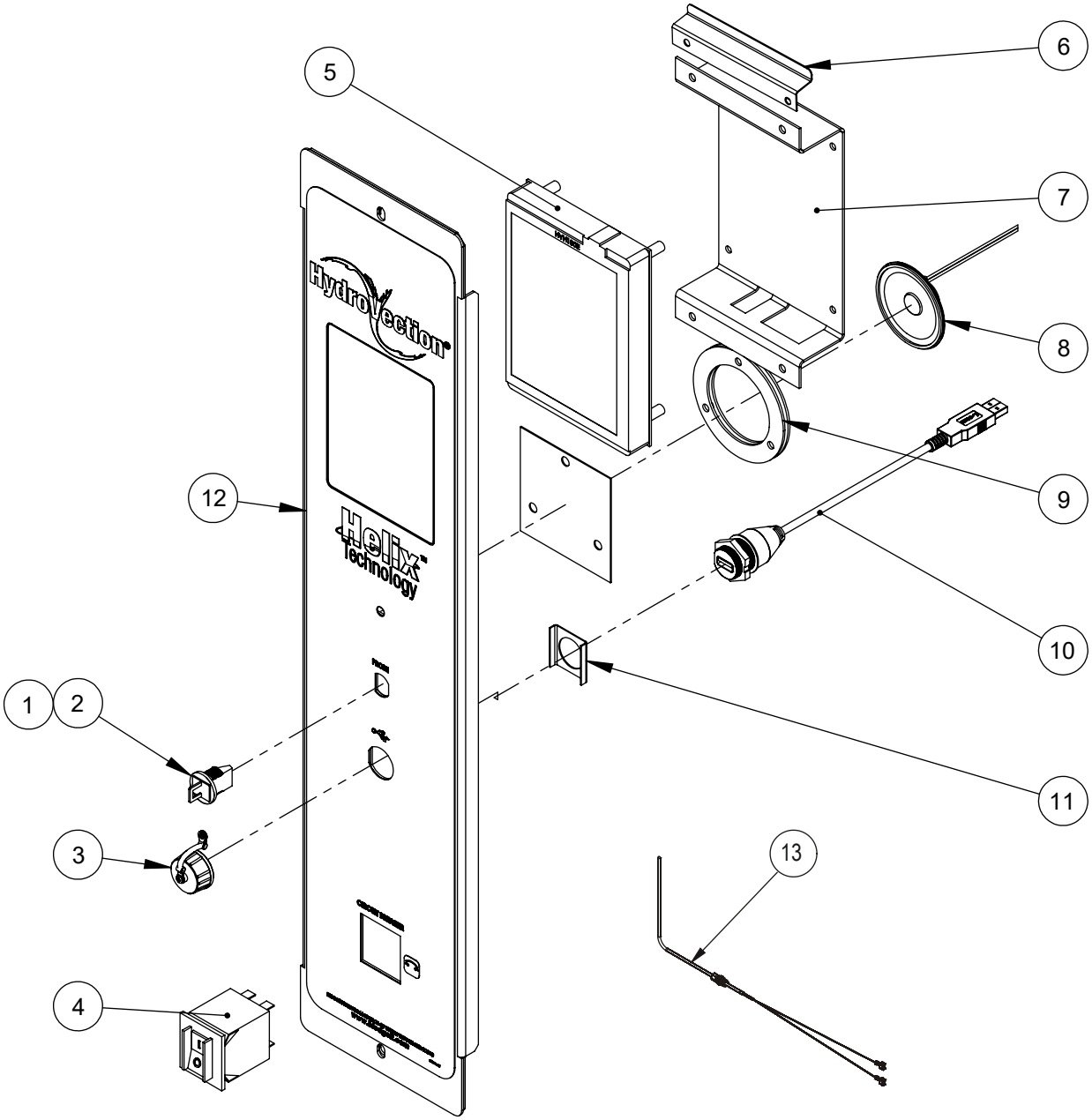
HVH-100E OVENS

SERIAL LETTER CODE "DT"

(All Full Size Hydrovection ovens manufactured before 1/10/2017)

TOUCHSCREEN CONTROL

FOR HVH-100E OVENS (MANUFACTURED BEFORE 1/10/2017)

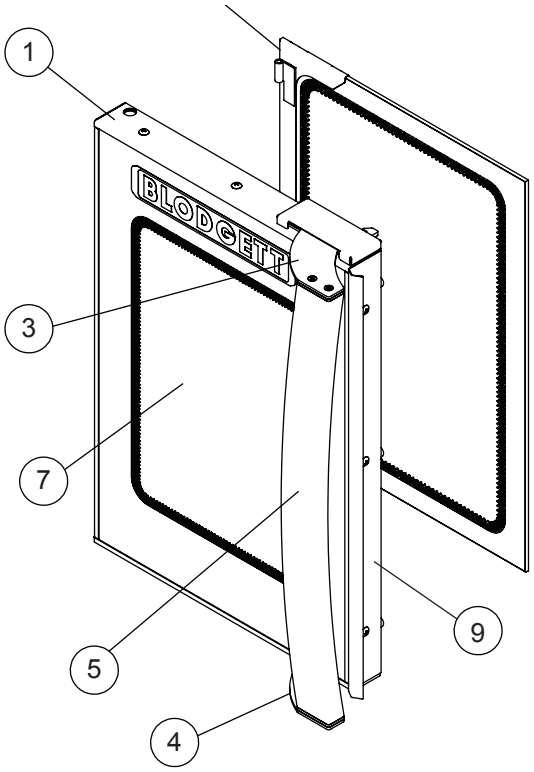


For HVH-100E Ovens (Serial Letter Code DT)

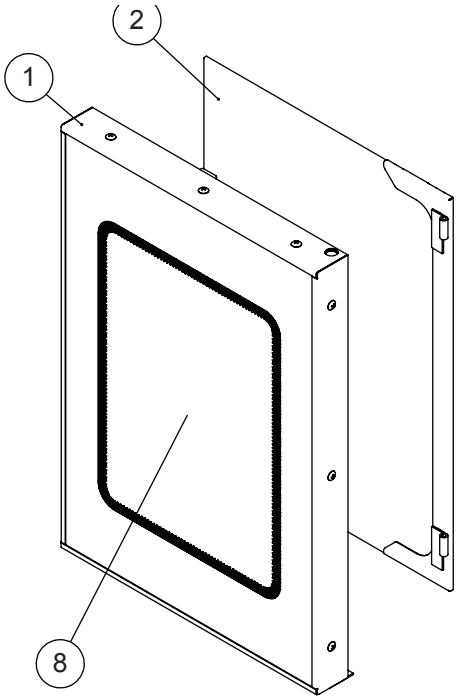
Ref. No.	Part No.	Description
1	39781	MEAT PROBE JACK
2	39782	PLUG, MEAT PROBE JACK
3	52161	COVER, USB
4	39688	CIRCUIT BREAKER, 20A
5	58517	TS CONTROL, HVH-100E
6	52806	DEFLECTOR
7	53986	TS FRAME
8	59777	SPEAKER KIT, W/RETAINERS
9	59616	SPEAKER RETAINER
10	52160	USB PLUG
11	52600	SPACER USB
12	58601	PANEL & DECAL
13	53007	CAVITY PROBE
	54330	COMMUNICATIONS CABLE

DOORS

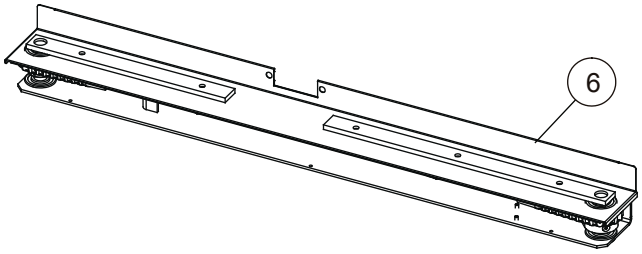
FOR HVH-100E OVENS (MANUFACTURED BEFORE 1/10/2017)



LH DOOR



RH DOOR

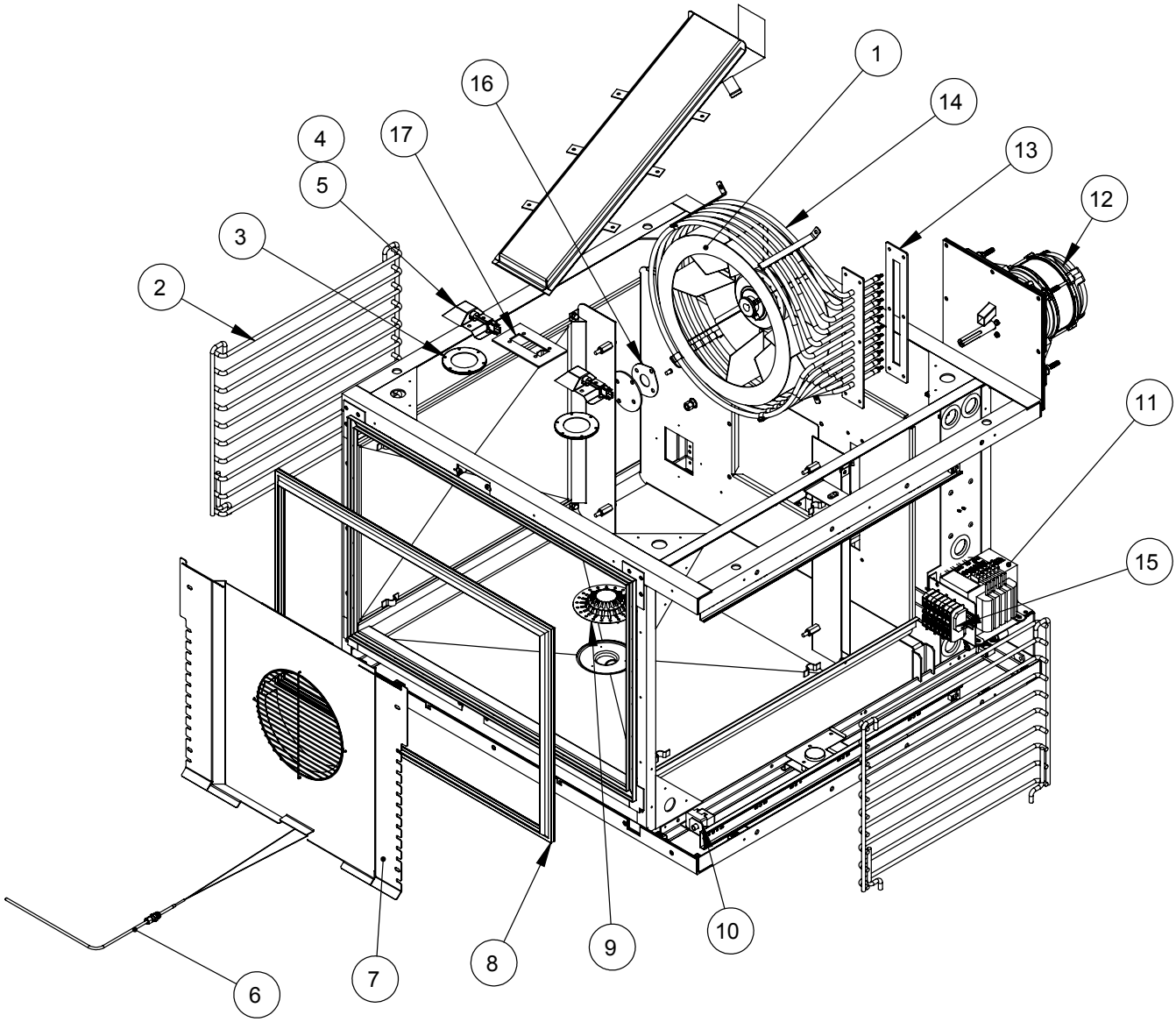


For HVH-100E Ovens (Serial Letter Code DT)

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)

INTERIOR COMPONENTS

FOR HVH-100E OVENS (MANUFACTURED BEFORE 1/10/2017)

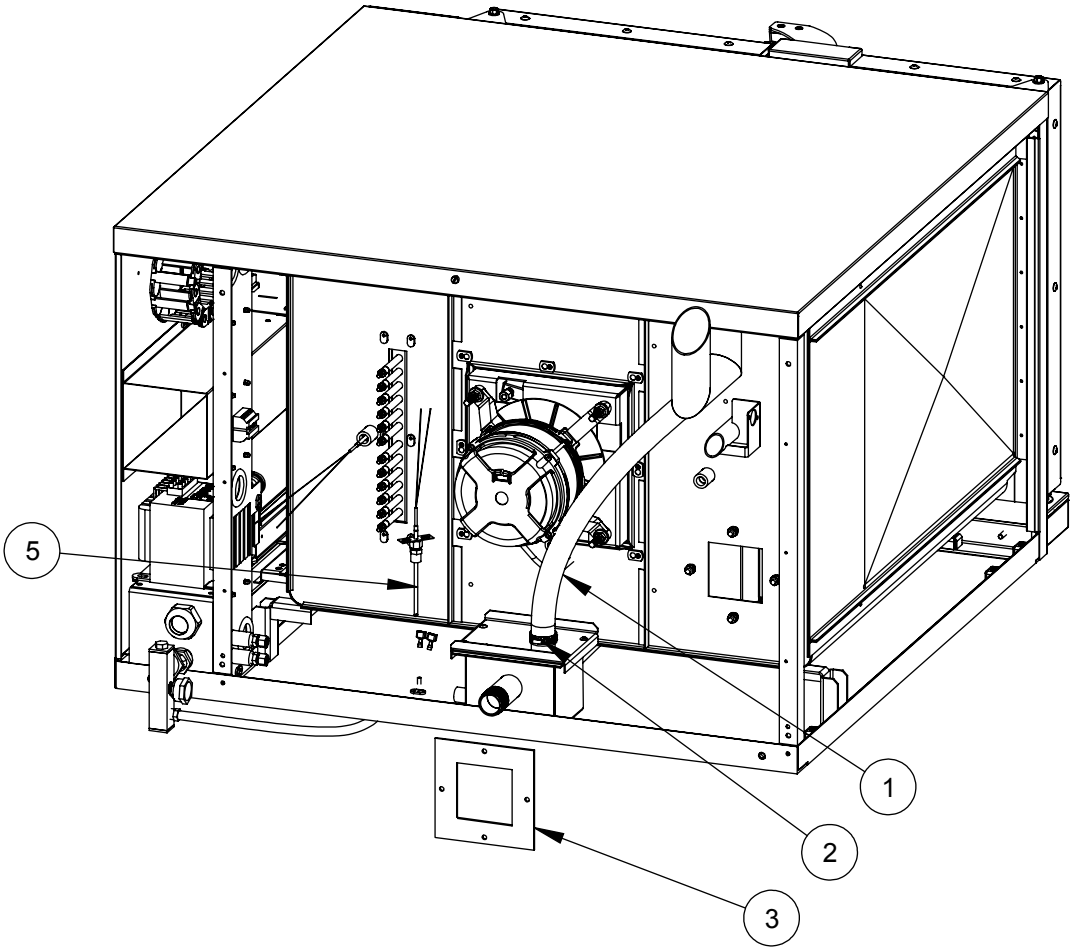


For HVH-100E Ovens (Serial Letter Code DT)

Ref. No.	Part No.	Description
1	55303	BLOWER WHEEL W/KEY
2	54856	SIDE RACK SUPPORT (SET OF 2)
	59046	WIRE RACK
3	53081	LIGHT LENS AND GASKET
4	53101	LIGHT BULB FOR ROUND LIGHT
5	53194	LIGHT SOCKET
6	53007	CAVITY TEMPERATURE PROBE KIT
7	57496	BAFFLE
8	52716	PERIMETER GASKET
9	50506	DRAIN STRAINER
10	36441	HIGH LIMIT THERMOSTAT
11	51453	440-480V TRANSFORMER
12	54293	MOTOR ASSEMBLY
13	52304	ELEMENT GASKET
14	53280	14 KW, 208V ELEMENT & GASKET KIT
14	53281	14 KW, 220/440V ELEMENT & GASKET KIT
14	53282	14 KW, 240/480V ELEMENT & GASKET KIT
15	39733	TERMINAL BLOCK
16	58513	INTAKE VENT GASKET
17	58996	CAVITY VENT GASKET

VENT COMPONENTS

FOR HVH-100E OVENS (MANUFACTURED BEFORE 1/10/2017)

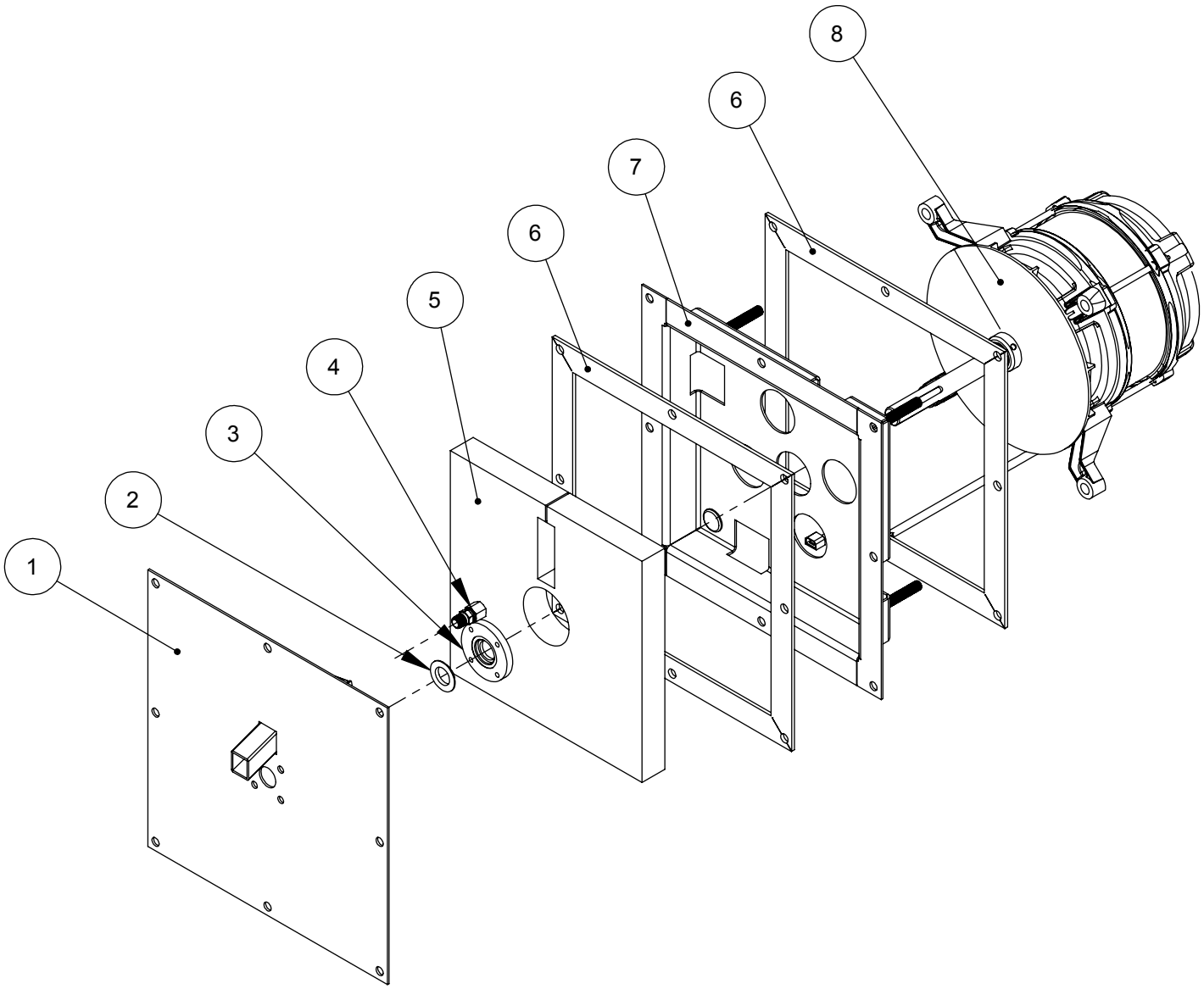


For HVH-100E Ovens (Serial Letter Code DT)

Ref. No.	Part No.	Description
1	57025	SILICONE HOSE (BY THE INCH)
2	R0254	HOSE CLAMP
3	57726	HELIX ASSEMBLY GASKET
5	36720	QUENCH PROBE

MOTOR

FOR HVH-100E OVENS (MANUFACTURED BEFORE 1/10/2017)

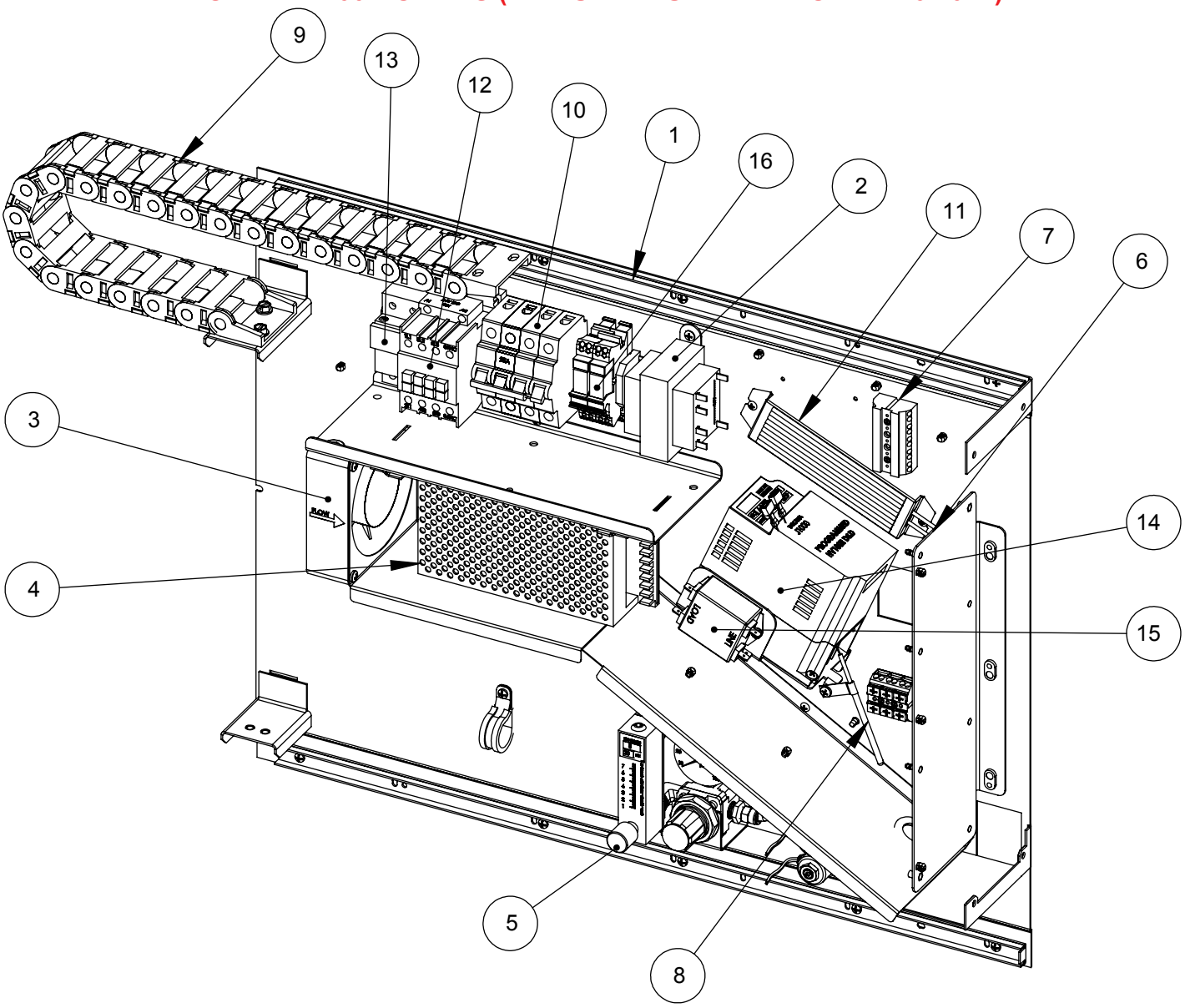


For HVH-100E Ovens (Serial Letter Code DT)

Ref. No.	Part No.	Description
1	54296	COVER PLATE ASSEMBLY
2	R4244	SHAFT SEAL
3	R8955	SEAL RETAINER
4	M0959	COMPRESSION FITTING
5	57318	INSULATION
6	56956	MOTOR GASKET
7	54294	MOTOR MOUNT
8	59909	MOTOR
8	55301	KIT, MOTOR (HANNING)

ELECTRICAL PANEL

FOR HVH-100E OVENS (MANUFACTURED BEFORE 1/10/2017)



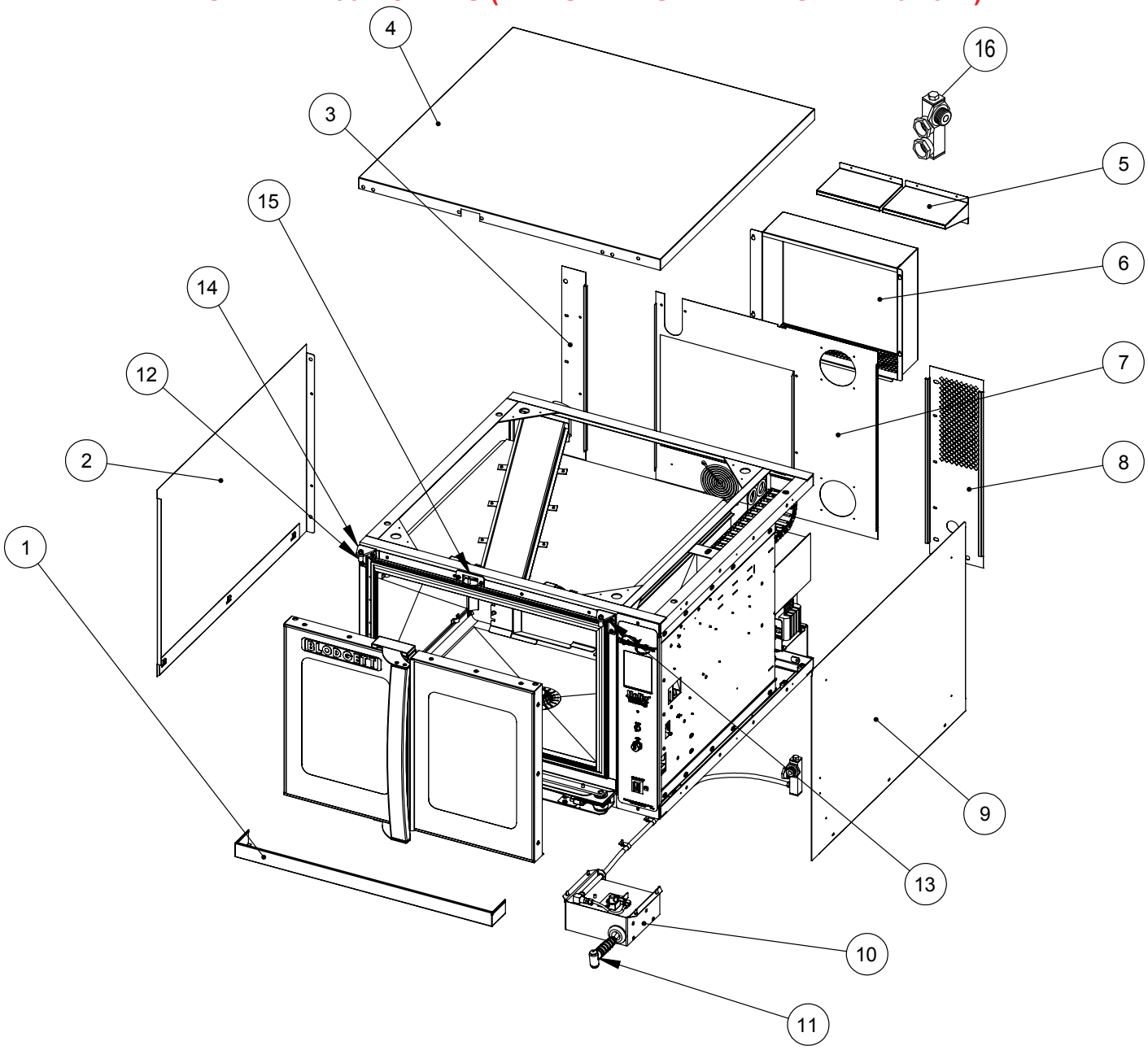
For HVH-100E Ovens (Serial Letter Code DT)

Ref. No.	Part No.	Description
1	51588	DRAWER SLIDE, MOVING
2	24356	TRANSFORMER, 120V TO 24V 80VA
3	52947	AXIAL FAN, 4" (24V)
4	52946	24VDC POWER SUPPLY
	M3166	FUSE, POWER SUPPLY
5	58533	WATER MANIFOLD ASSY
6	57727	TOUCHSCREEN INTERFACE BOARD
7	50952	TERMINAL BLOCK
8	51516	PROBE, 100 OHM RTD
9	52292	CABLE CARRIER

Ref. No.	Part No.	Description
10	53271	CIRCUIT BREAKER, 50A, 208-240V
	52446	CIRCUIT BREAKER 25A, 480V
11	52706	RESISTOR, MOTOR BREAKING
12	52717	CONTACTOR, 3PH, 24 VDC
13	51454	FUSE HOLDER, 440/480V ONLY
	51455	FUSE, 7A 600V, 440/480 ONLY
14	59634	240V VFD PROGRAMMED, V-CONTROL
15	53902	NOISE FILTER
16	38604	RELAY, 24V
	52663	WATER TUBING KIT (CONSISTS OF 6' OF EACH COLOR TUBING)

EXTERIOR COMPONENTS

FOR HVH-100E OVENS (MANUFACTURED BEFORE 1/10/2017)



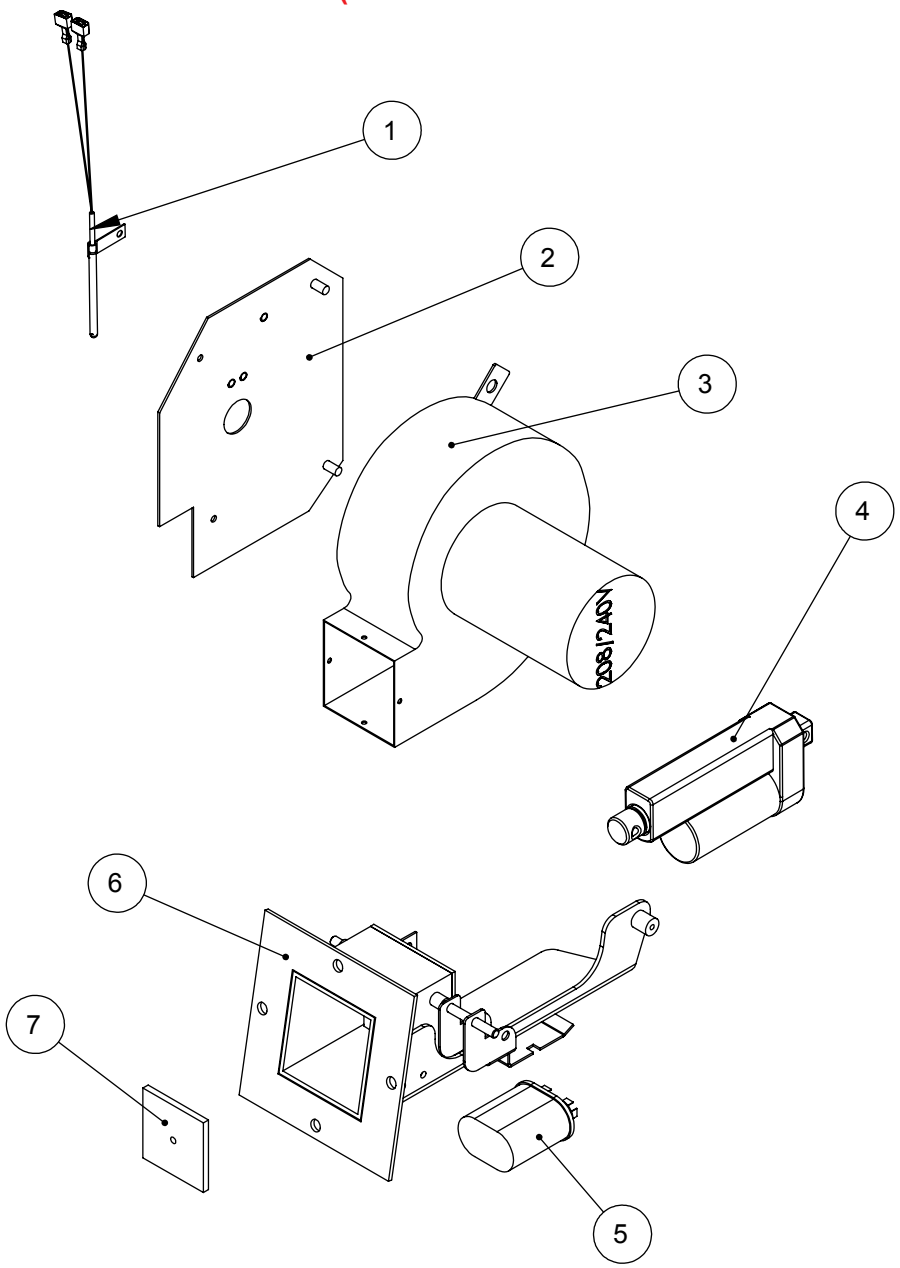
For HVH-100E Ovens (Serial Letter Code DT)

Ref. No.	Part No.	Description
1	51698	FRONT TRIM
2	52479	LH BODYSIDE
3	58331	RH BODYBACK
4	51253	BODYTOP
5	51630	MOTOR VENT
6	58332	BODYBACK ACCESS PANEL
7	58329	BODYBACK CENTER, ELECTRIC
8	58330	LH BODYBACK, ELECTRIC
9	51105	RH BODYSIDE

Ref. No.	Part No.	Description
10	54671	EXTERNAL HOSE REEL KIT
	39380	EXTERNAL HOSE REEL ASSEMBLY
11	52998	SPRAY NOZZLE (PUSH BUTTON)
12	51591	HINGE PIN (LEFT & RIGHT)
13	51081	RH HINGE
14	51082	LH HINGE
15	57889	DOOR LATCH CATCH
16	54715	WATER MANIFOLD ASSEMBLY

HELIX ASSEMBLY

FOR HVH-100E OVENS (MANUFACTURED BEFORE 1/10/2017)



For HVH-100E Ovens (Serial Letter Code DT)

Ref. No.	Part No.	Description
1	51516	PROBE
2	57843	RESTRICTOR PLATE
3	54672	BLOWER, 208/240
4	50617	ACTUATOR, 24V
5	38610	CAPACITOR
6	57668	HELIX FLAPPER ASSEMBLY
7	57671	FLAPPER GASKET

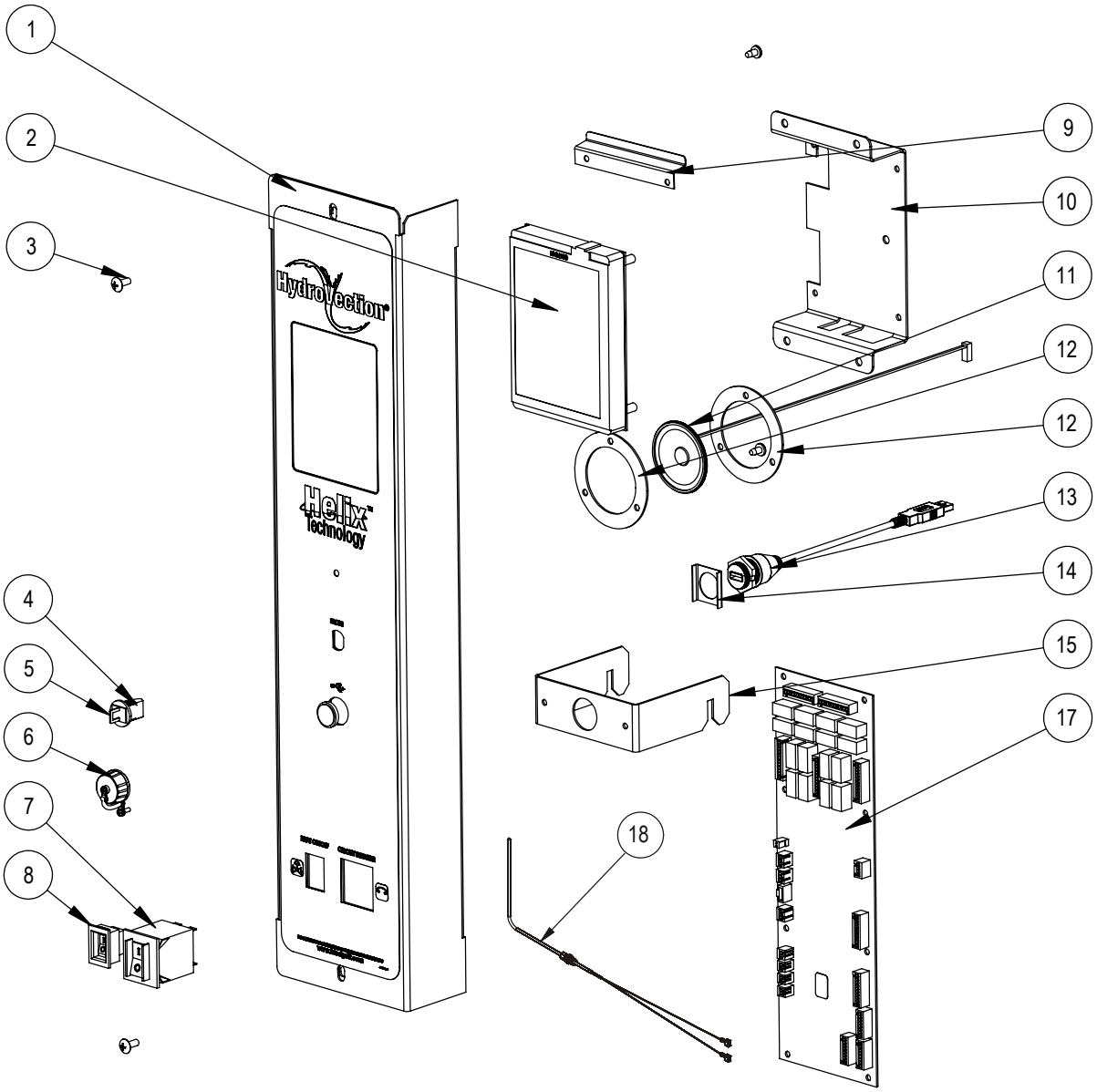
HVH-100E-AB OVENS

SERIAL LETTER CODE "BN" OR "DT"

(All Full Size Hydrovection ovens manufactured after 1/10/2017)

SMARTTOUCH CONTROL

FOR HVH-100E-AB OVENS (MANUFACTURED AFTER 1/10/2017 AND BEFORE 8/1/2017)

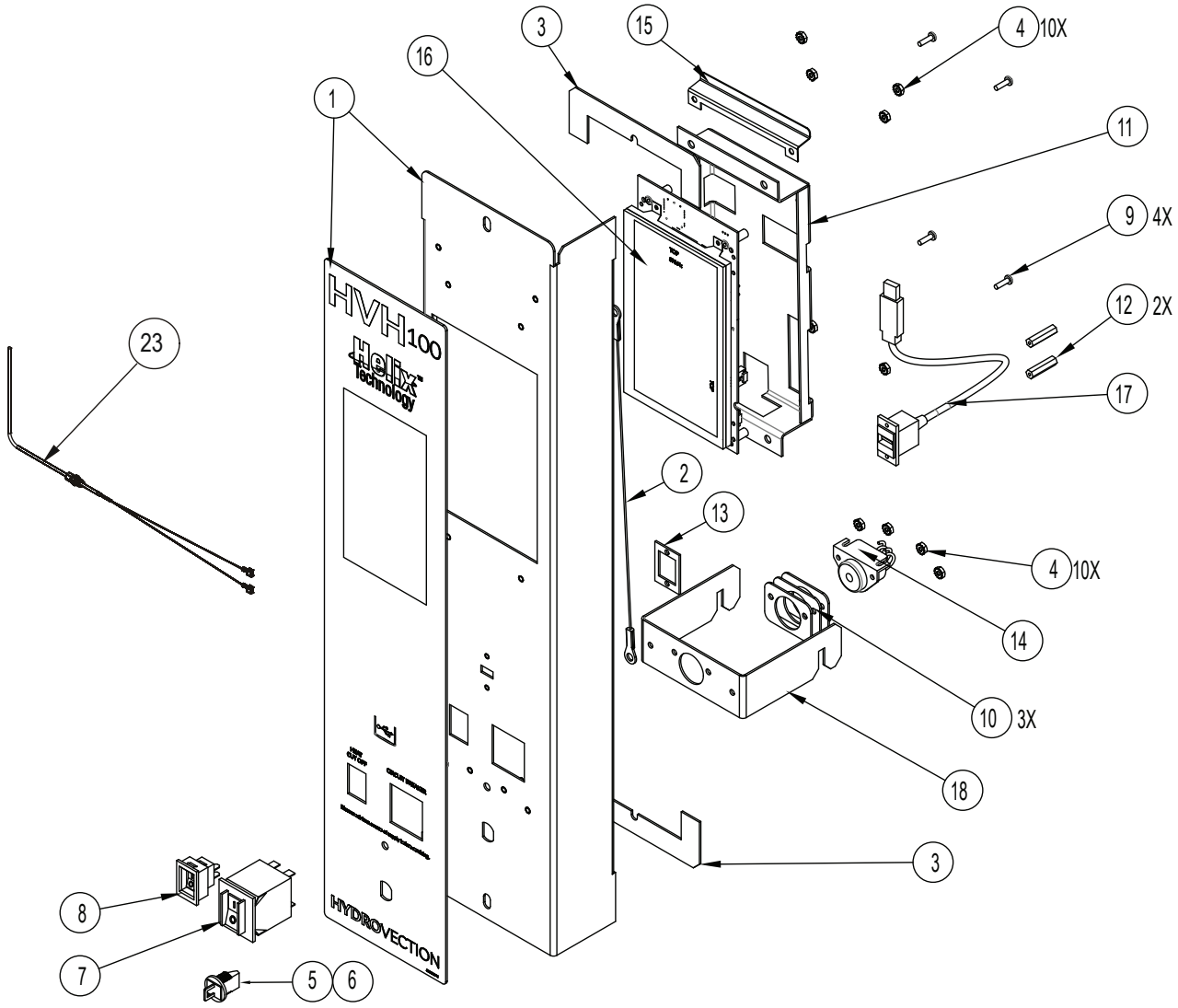


Ref. No.	Part No.	Description
1	59204	PANEL & DECAL
2	59149	TOUCH SCREEN, HVH100
3	16384	10-24 X 1/2 TRUSS HEAD SCREW
4	39781	MEAT PROBE JACK
5	39782	MEAT PROBE JACK PLUG
6	52161	COVER, USB
7	39688	CIRCUIT BREAKER, 20A
8	36376	SWITCH, GAS, ON/OFF
9	52806	DEFLECTOR
10	53986	TOUCH SCREEN FRAME

Ref. No.	Part No.	Description
11	59777	SPEAKER KIT, W/RETAINERS
12	59616	SPEAKER RETAINER
13	52160	USB CABLE
14	52600	SPACER, USB PORT
15	58918	BRACKET, HANGING, HV100
16	54330	COMMUNICATION CABLE, HV100 TS
17	57727	RELAY BOARD, TOUCH SCREEN
18	53007	CAVITY PROBE
	58919	CONTROL PANEL ASSEMBLY, COMPLETE AS SHOWN (WITHOUT RELAY BOARD)

SMARTTOUCH 2 CONTROL

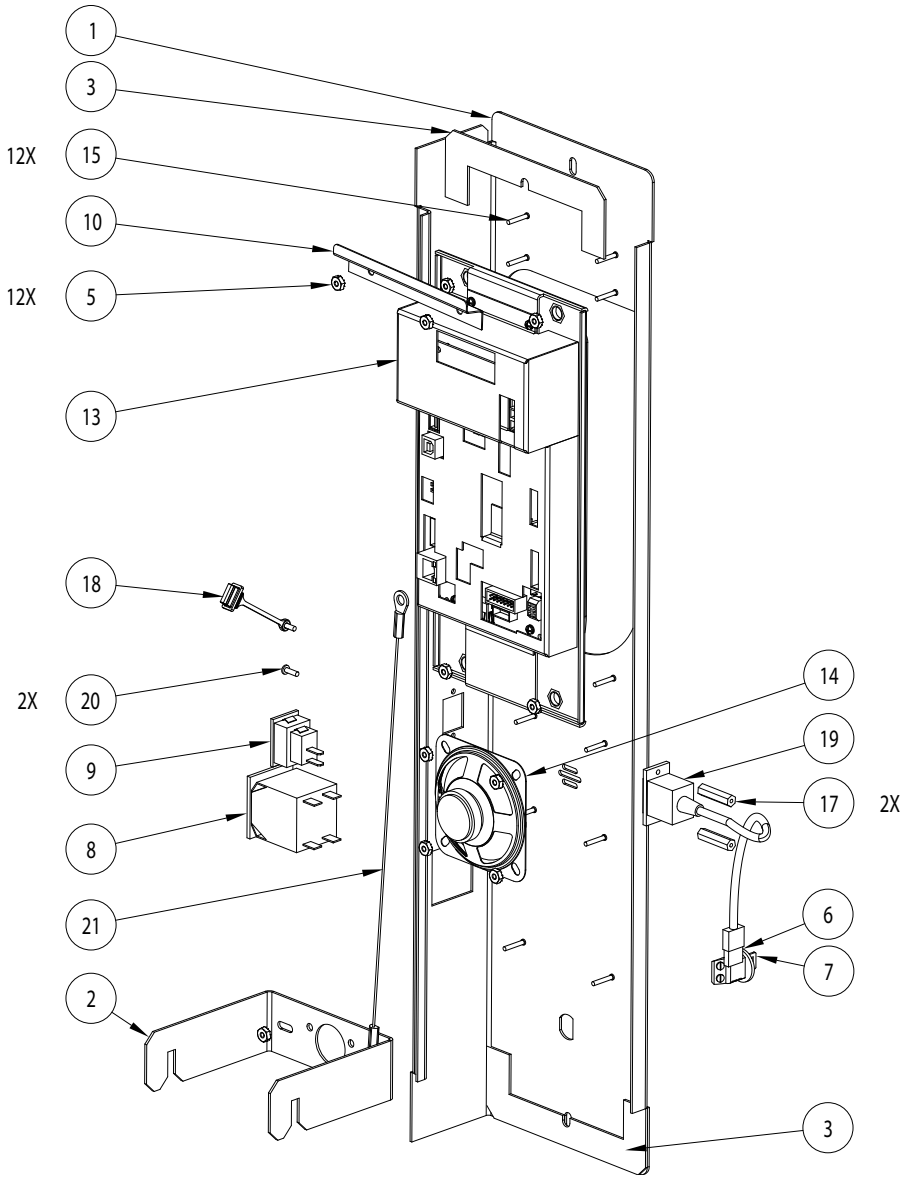
FOR HVH-100E-AB OVENS (MANUFACTURED AFTER 8/1/2017)



Ref. No.	Part No.	Description
1	59856	PANEL & DECAL ASSY
2	20043	12" STRAIN RELIEF
3	R4872	TILT PANEL GASKET, BY THE INCH
4	M3367	NUT 6-32 KEPS
5	39781	MEAT PROBE JACK
6	39782	MEAT PROBE JACK PLUG
7	39688	CIRCUIT BREAKER, 20A
8	36376	GAS ON/OFF SWITCH
9	34478	SCREW, 6-32 X 0.5 SELF TAPPING
10	53921	BUZZER SPACER
11	59348	TOUCH SCREEN BRACKET
12	59434	STANDOFF #4-40 X1"
13	59280	USB SPACER
14	53759	BUZZER

Ref. No.	Part No.	Description
15	59349	DEFLECTOR BRACKET
16	59361	CONTROL, TS, HVH100
16	59829	CONTROL, TS, HVH100 K12
17	59565	USB CABLE
18	58918	HANGING BRACKET
19	59032	HARNESS, HV FRONT LINE (NOT SHOWN)
20	59029	HARNESS, HV FRONT TS DIGI (NOT SHOWN)
21	59542	HARNESS, BEEPER, ADDER (NOT SHOWN)
22	54330	COM CABLE, 20", TOUCHSCREEN (NOT SHOWN)
23	53007	CAVITY PROBE
	101537	UPGRADE KIT, SMARTTOUCH 2 CONTROL TO ONE TOUCH CONTROL

ONE TOUCH CONTROLS

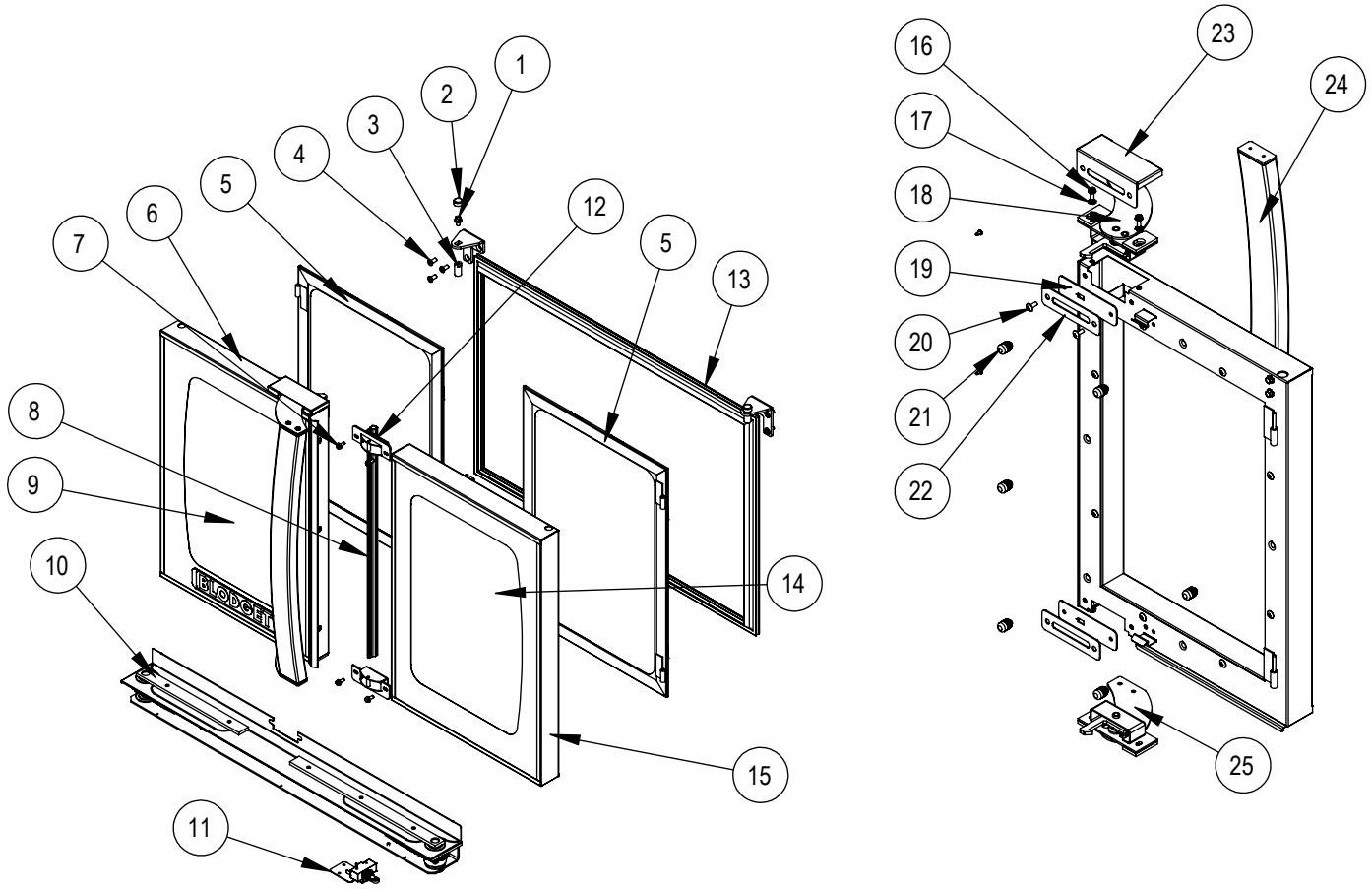


Ref. No.	Part No.	Description
1	100855	CONTROL PANEL, HV 100 HLUI
2	58918	BRACKET, HANGING, HV 100
3	R4872	GASKET, TILT PANEL
4	59032	HARNESS, HV FRONT LINE
5	M3367	NUT, 6-32 KEPS
6	39781	MEAT PROBE JACK
7	39782	MEAT PROBE JACK PLUG
8	39688	CIRCUIT BREAKER, 20A
9	36376	SWITCH, GAS, ON/OFF
10	100901	BRACKET, DEFLECTOR
11	101393	HLUI COMMUNICATIONS CABLE
12	101395	HARNESS, HV FRONT, HLUI

Ref. No.	Part No.	Description
13	101392	GM PRGM CTRL, HLUI, HVH100E
13	101696	K12 PRGM CTRL, HLUI, HVH100E
14	101480	SPEAKER, HLUI, CUI
15	R1548	WELD STUD, #6-32 X 5/8"
16	R9508	LABEL, POWER DISCONNECT WARNING
17	59434	STANDOFF, #4-40X1"
18	101653	DUST PLUG, USB
19	59565	USB CABLE, STRAIGHT
20	38840	SCREW, MACH, 4-40 X 3/8, SS PAN HD
21	20043	STRAIN RELIEF, 12"

DOORS

FOR HVH-100E-AB OVENS (MANUFACTURED AFTER 1/10/2017)

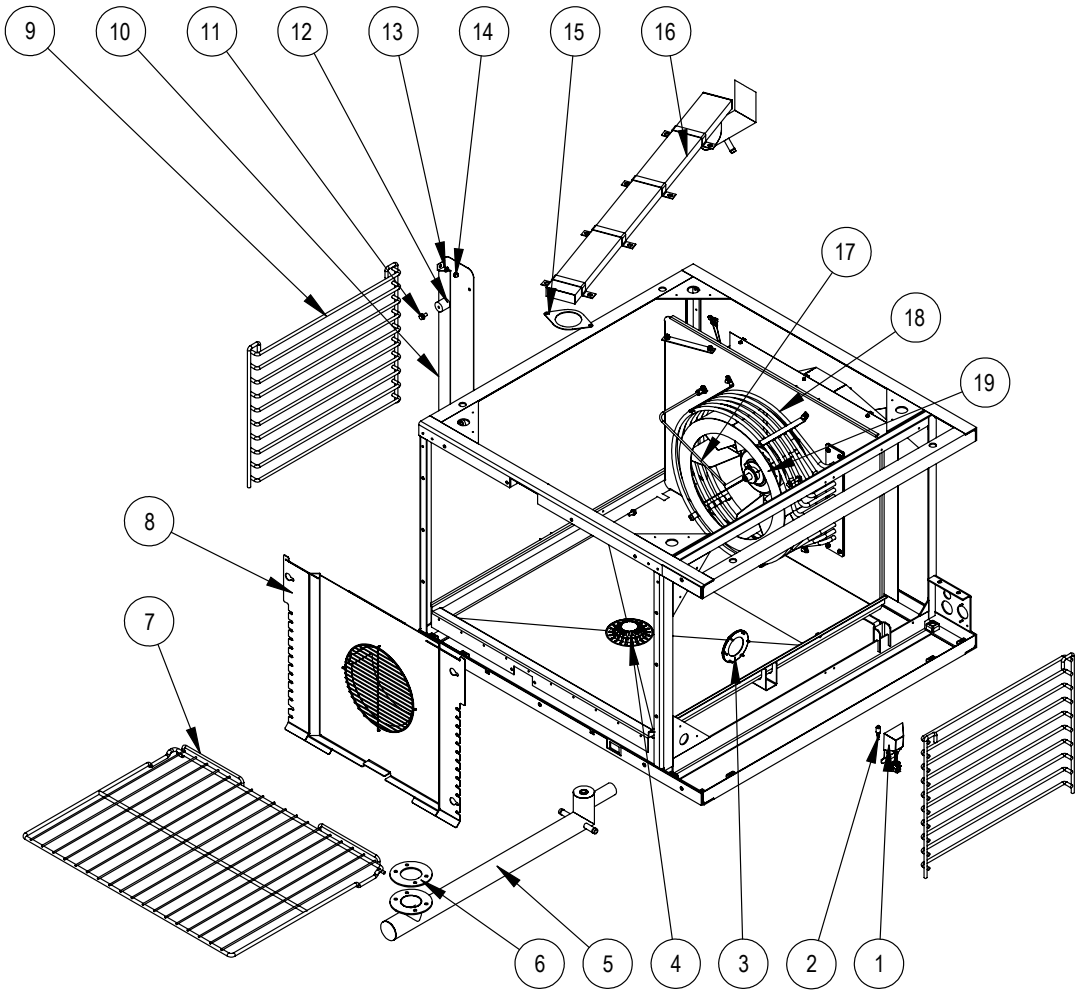


Ref. No.	Part No.	Description
1	52447	DOOR PIN BOLT
2	52666	HEX BOLT CAP
3	51591	PIN, DOOR
4	M1118	SCREW, 1/4-20 X 5/8, FLAT HEAD
5	59013	ASSY, INNER GLASS
6	59140	DOOR ASSEMBLY, LH (COMPLETE AS SHOWN)
7	57725	10-24 X 1/2 SERRATED HEX FLANGE
8	51610	GASKET, CENTER DOOR
9	59007	FRONT GLASS, LH
10	57953	ASSY, DOOR TURNBUCKLE (BEFORE 4/10/24)
10	58925	ASSY, DOOR DRIVE (AFTER 4/10/24)
11	52514	ASSEMBLY, DOOR SWITCH (BEFORE 4/10/24)
11	100022	KIT, DOOR SWITCH (AFTER 4/10/24)

Ref. No.	Part No.	Description
12	58824	LATCH CATCH ASSY
13	52716	GASKET, HV100 PERIMETER BLADE
14	59006	FRONT GLASS, RH
15	59141	DOOR ASSEMBLY, RH (COMPLETE AS SHOWN)
16	M6315	10-24 X 1/2 HEX WASHER HEAD SCREW
17	16479	LOCK WASHER, EXTERNAL TOOTH
18	58939	LATCH ASSY, RECT, TOP
19	55537	GASKET, DOOR LATCH
20	16384	10-24 X 1/2 TRUSS HEAD SCREW
21	61036	RUBBER BUMPER
22	55536	PLATE, LATCH COVER
23	59018	COVER, LATCH, HV100
24	55608	DOOR HANDLE, HV100
25	58938	LATCH ASSY, RECT, BOTTOM

INTERIOR COMPONENTS

FOR HVH-100E-AB OVENS (MANUFACTURED AFTER 1/10/2017)

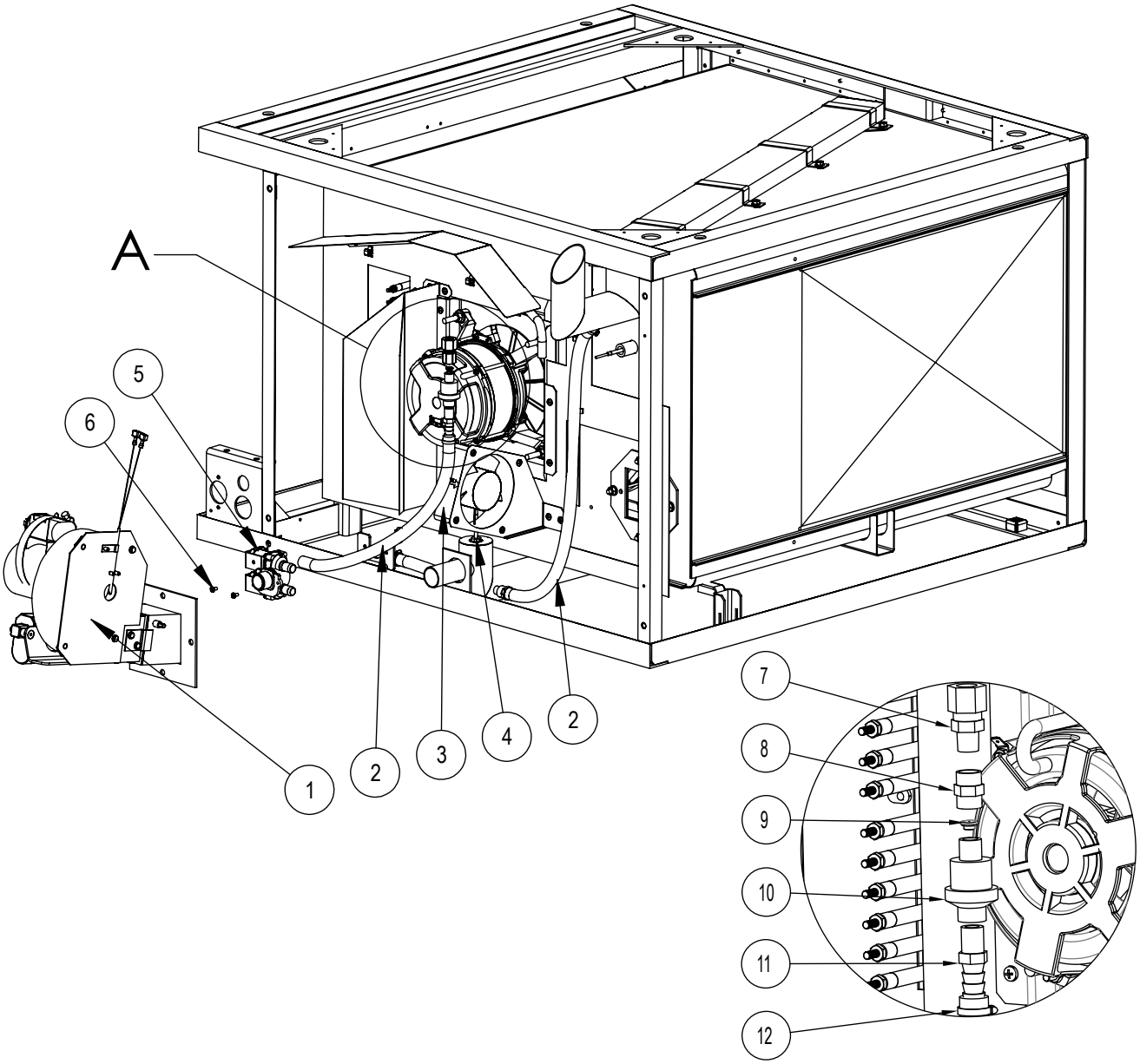


Ref. No.	Part No.	Description
1	53194	LAMP HOUSING ASSEMBLY (UNITS BEFORE 07/21/23)
1	101532	HALOGEN LAMP HOUSING ASSEMBLY (UNITS AFTER 07/20/23)
2	53101	HALOGEN BULB
2	101533	ZENON BULB (UNITS AFTER 07/20/23)
	101579	12V HALOGEN TO 24V HALOGEN RETROFIT KIT, COMPLETE LIGHT SET (BEFORE 07/21/23, AB ONLY)
3	53081	BEZEL, GASKET & LENSE ASSEMBLY
4	39336	COVER, DRAIN
5	59154	DRAIN ASSEMBLY
6	59162	GASKET, DRAIN
7	59046	WIRE RACK
8	58864	BAFFLE, HV100E

Ref. No.	Part No.	Description
9	59047	SIDE RACK SUPPORT
10	58865	BAFFLE, SIDE SUPPORT
11	M6315	10-24 X 1/2, FLANGE HEAD BOLT
12	58997	SPACER
13	M0417	LOCK WASHER, 1/4"
14	R0712	10-24 ACORN NUT
15	58998	GASKET, LINER VENT
16	58866	VENT ASSEMBLY, HV100
17	53007	CAVITY TEMP PROBE
18	53280	208V ELEMENT KIT
18	53281	220/240V ELEMENT KIT
18	53282	240/480V ELEMENT KIT
19	55303	BLOWER WHEEL WITH KEY

REAR COMPONENTS

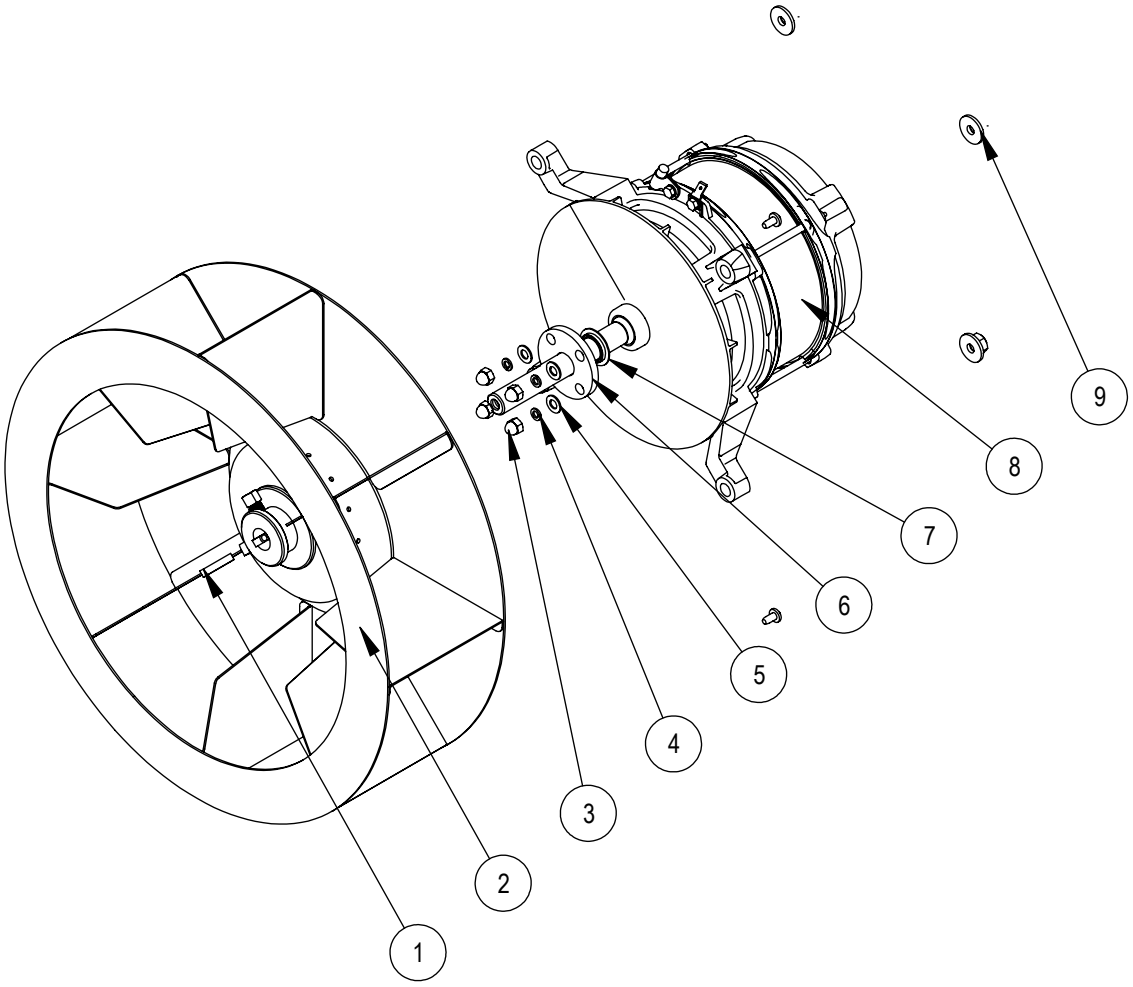
FOR HVH-100E-AB OVENS (MANUFACTURED AFTER 1/10/2017)



Ref. No.	Part No.	Description
1	58368	HELIX ASSEMBLY, 208/240V
2	58270	SILICONE HOSE (BY THE INCH)
3	52947	AXIAL FAN
4	58871	DRAIN TEMP PROBE
5	59630	KIT, DUAL OUTPUT WATER VALVE
6	R1270	SCREW, M4-.7 X 10MM
7	59333	COMPRESSION FITTING
8	59332	COUPLING
9	58348	FLOW VALVE ORIFICE
10	58347	FLOW VALVE
11	58884	FITTING, BARBED
12	R0080	HOSE CLAMP

MOTOR ASSEMBLY

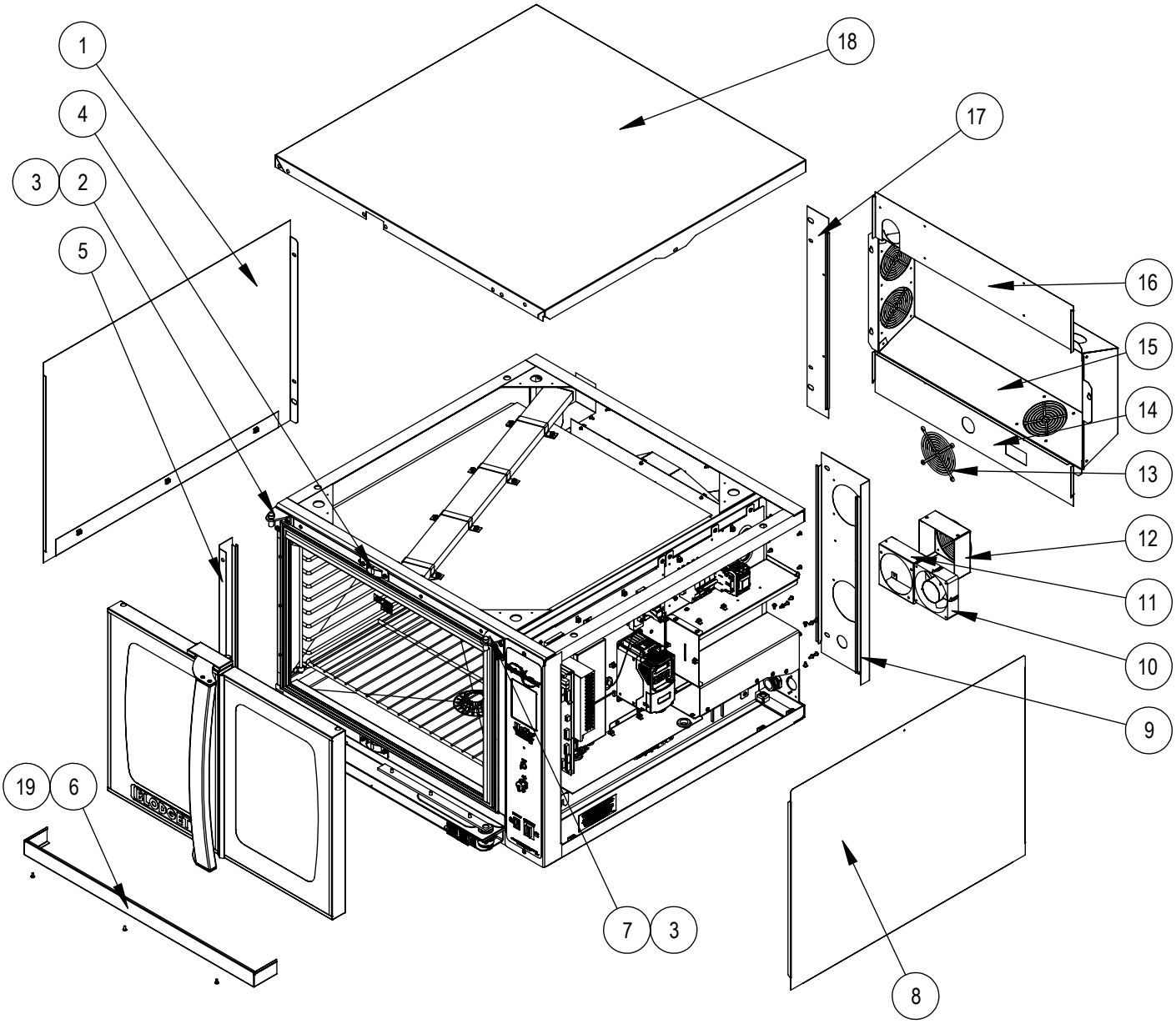
FOR HVH-100E-AB OVENS (MANUFACTURED AFTER 1/10/2017)



Ref. No.	Part No.	Description
1	54960	KEY, 3/16 X 1"
2	55303	BLOWER WHEEL WITH KEY
3	R0712	ACRON NUT, 10-24
4	R0726	LOCK WASHER, #10
5	R0733	FLAT WASHER, #10
6	59059	SHAFT SEAL RETAINER
7	R4244	SHAFT SEAL
8	59909	CONVECTION MOTOR
	39332	MOTOR
9	8628	5/16-18 SERRATED FLANGE NUT

EXTERIOR COMPONENTS

FOR HVH-100E-AB OVENS (MANUFACTURED AFTER 1/10/2017)

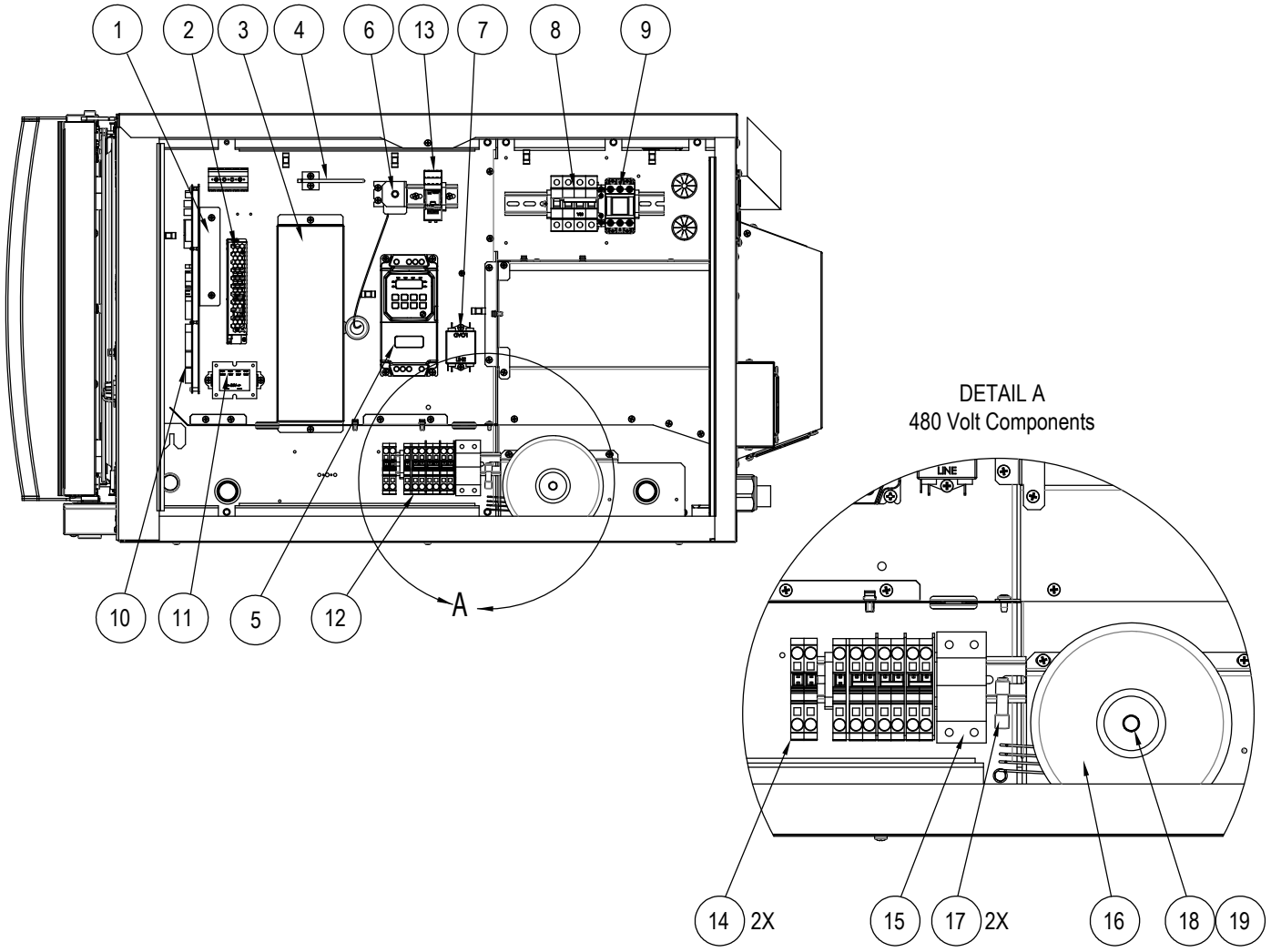


Ref. No.	Part No.	Description
1	58910	BODY SIDE, LEFT
2	51081	HINGE, LEFT
3	51591	HING PIN (LEFT & RIGHT)
4	58824	LATCH CATCH ASSEMBLY
5	58902	FRONT TRIM, LEFT
6	51698	TRIM, LOWER FRONT (BEFORE 4/10/24)
6	59376	COVER, GEAR DRIVE (AFTER 4/10/24)
7	51082	HINGE, RIGHT
8	58911	BODY SIDE, RIGHT
9	101731	BODY BACK, LEFT, ELECTRIC

Ref. No.	Part No.	Description
10	52947	AXIAL FAN
11	58970	FAN MOUNT, HV100
12	59020	FAN COVER, HV100
13	M0571	FAN GUARD, 4"
14	59166	BODY BACK, CENTER BOTTOM
15	59167	BODY BACK, ACCESS COVER
16	59165	BODY BACK, CENTER TOP
17	58903	BODY BACK, RIGHT
18	58901	BODY TOP
19	16384	10-24 TRUSS HEAD SCREW

ELECTRICAL COMPONENTS

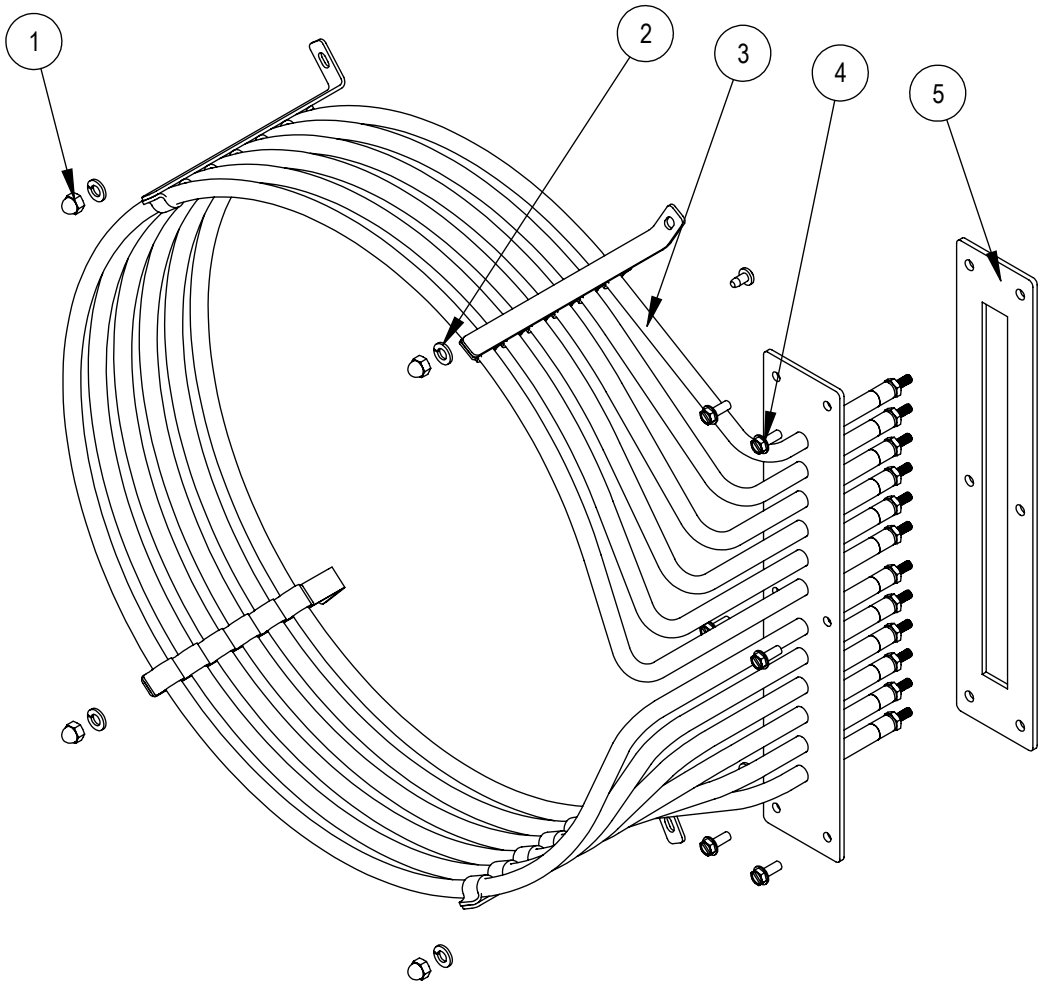
FOR HVH-100E-AB OVENS (MANUFACTURED AFTER 1/10/2017)



Ref. No.	Part No.	Description
1	53321	RELAY BOARD BRACKET
2	59331	24VDC POWER SUPPLY
3	58897	LIGHT ACCESS COVER
4	56873	PROBE, 1K RTD
5	59744	PROG. INVERTER (TS CTRL)
6	36441	THERMOSTAT, HIGH LIMIT
7	53902	EMI FILTER
8	53271	CIRCUIT BREAKER 50A 3 POSITION
9	59049	CONTACTOR
10	57727	RELAY BOARD, TOUCHSCREEN
11	38303	TRANSFORMER, 40V A
12	39733	MAIN POWER TERMINAL BLOCK W/ GROUND
13	59146	RELAY, 3DPT, 24VDC COIL
14	52201	RELAY, 3 POLE, DT
15	51454	FUSE HOLDER, 600V, 30A
16	59201	TOROIDAL TRANSFORMER 480/240
17	51455	FUSE, 600V, 7A
18	56119	HEX HEAD CAP, 5/16" -18 x 3.5"
19	55642	WASHER, TOROIDAL MOUNTING

ELEMENT COMPONENTS

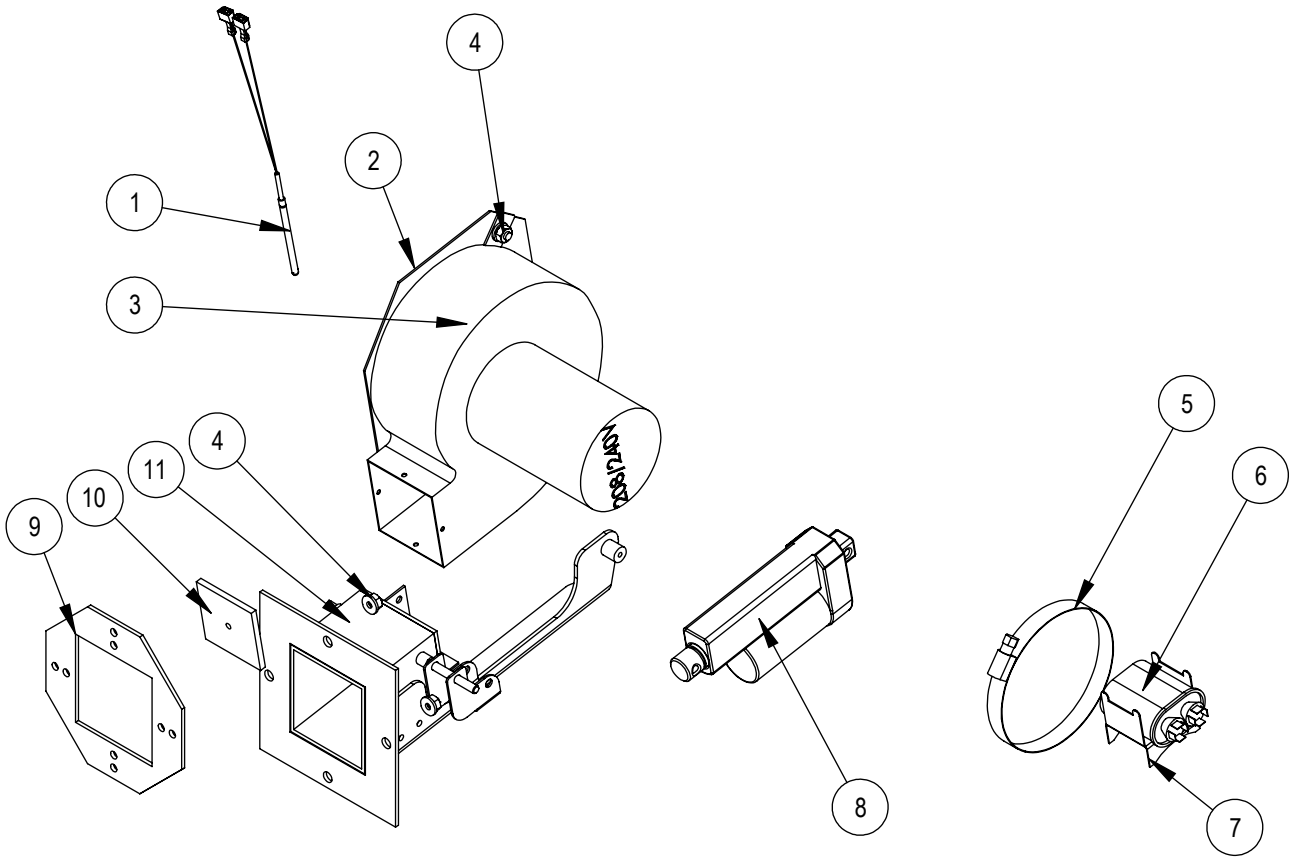
FOR HVH-100E-AB OVENS (MANUFACTURED AFTER 1/10/2017)



Ref. No.	Part No.	Description
1	R0712	10-24 ACORN NUT
2	M0417	LOCK WASHER
3	53280	208V ELEMENT KIT
3	53281	220/240V ELEMENT KIT
3	53282	240/480V ELEMENT KIT
4	M6315	10-24 X 1/2 HEX WASHER HEAD SCREW
5	52304	GASKET, ELEMENT HV100E

HELIX ASSEMBLY

FOR HVH-100E-AB OVENS (MANUFACTURED AFTER 1/10/2017)



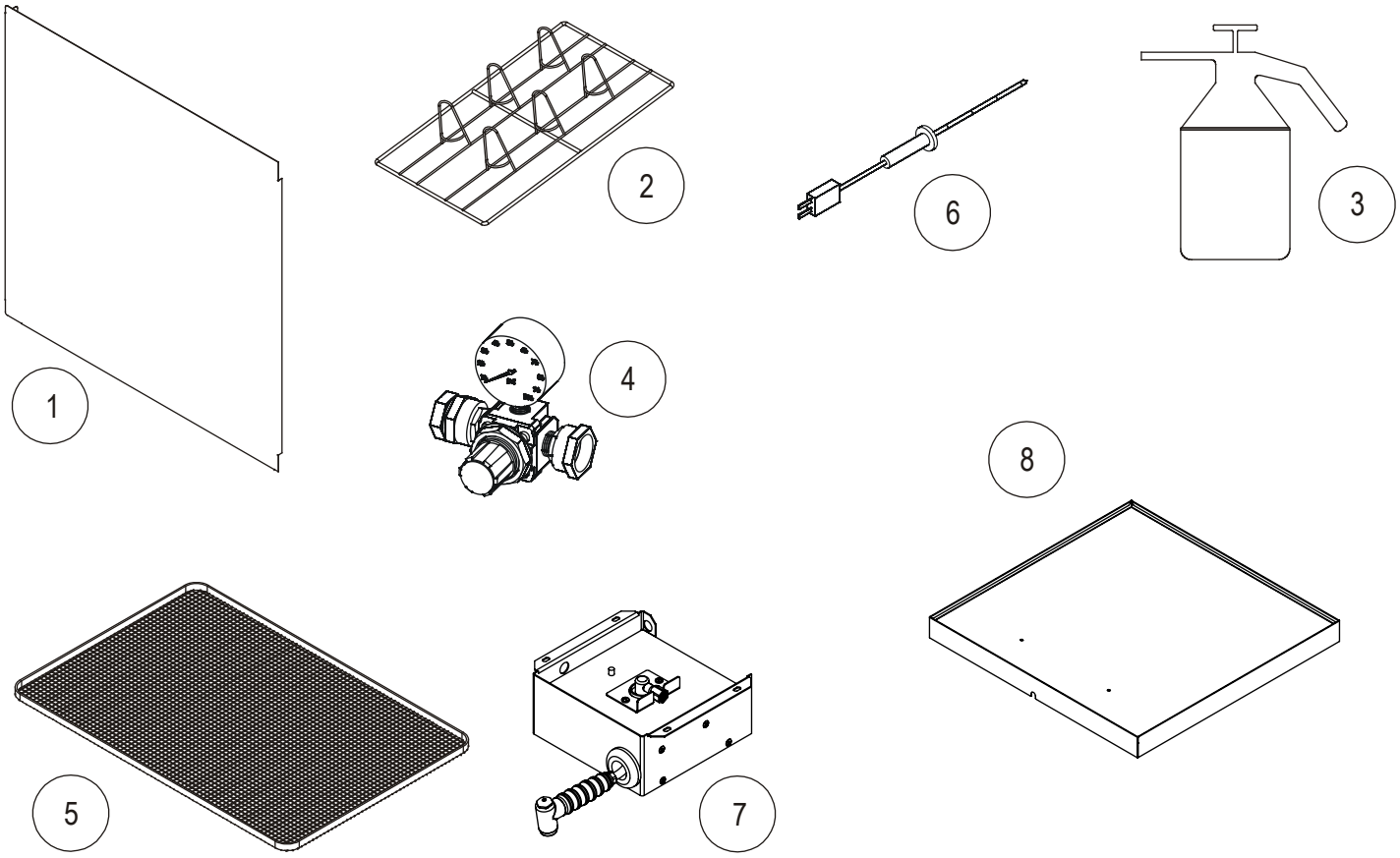
Ref. No.	Part No.	Description
1	51516	PROBE
2	57843	RESTRICTOR PLATE
3	54672	BLOWER, 208/240V
4	R8216	1/4-20 SERRATED FLANGE NUT
5	58618	CLAMP
6	38610	CAPACITOR

Ref. No.	Part No.	Description
7	61645	BRACKET, CAPACITOR
8	50617	ACTUATOR, 24V
9	57726	GASKET, HELIX
10	57671	FLAPPER GASKET
11	57668	HELIX MECH.

HVH-100E & HVH-100E-AB OVENS

ACCESSORIES

FOR ALL OVENS



Ref. No.	Part No.	Description
1	52889	HEAT SHIELD KIT
2	52387	CHICKEN ROASTING RACK
3	R10955	SPRAY BOTTLE
4	52815	PRESSURE REGULATOR, W/O HOSE REEL
	54734	PRESSURE REGULATOR W/HOSE REEL
5	54247	FRENCH FRY RACK
	8598	25" S/S LEGS W/FEET (SET OF 4)
	16002	CASTERS (SET OF 4)
	57712	36" OPEN STAND W/GUIDES AND FEET
	57689	36" 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
	59292	SPRAY NOZZLE/PROBE HOLDER BRACKET
	59176	WATER MANIFOLD
7	54674	EXTERNAL HOSE REEL
	52998	SPRAY NOZZLE (PUSH BUTTON) FOR HOSE REEL
	59837	SPRAY NOZZLE ONLY (FOR EXTERNAL SPRAY HOSE)
	R10889	EXTERNAL SPRAY HOSE (W/O NOZZLE)
8	101137	UNIVERSAL PLATFORM KIT