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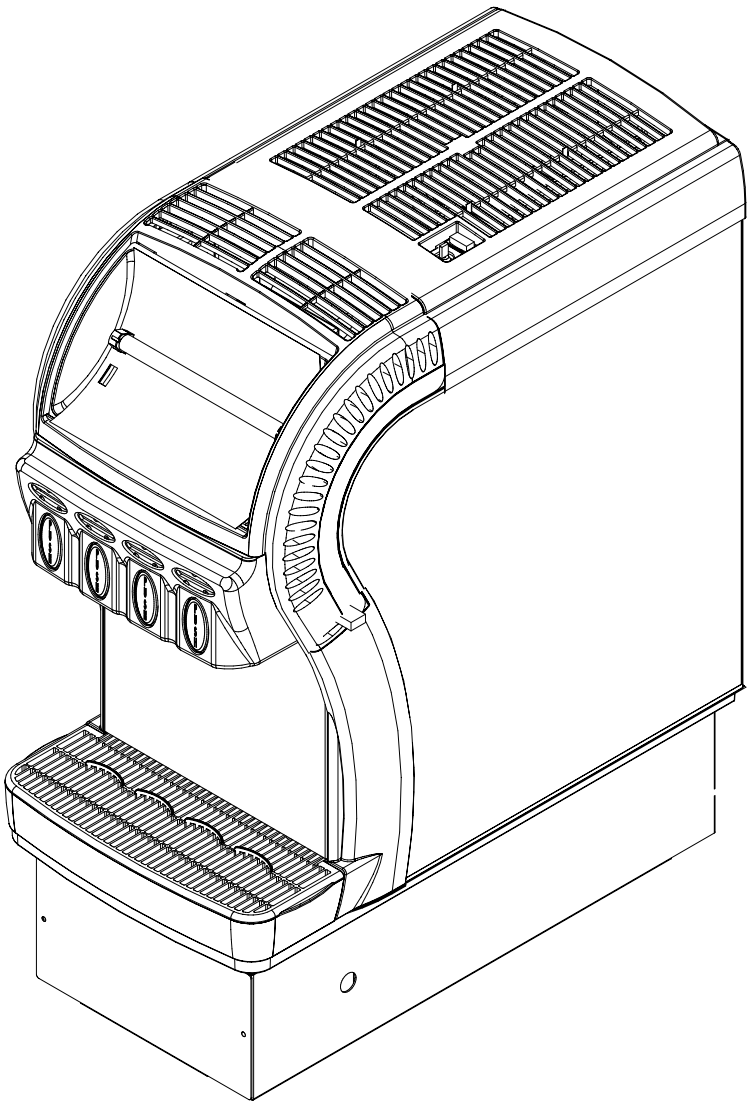
MILLENNIUM II 4000



Manual Part No.: 620919547IPL
Rev.: C January 16, 2007
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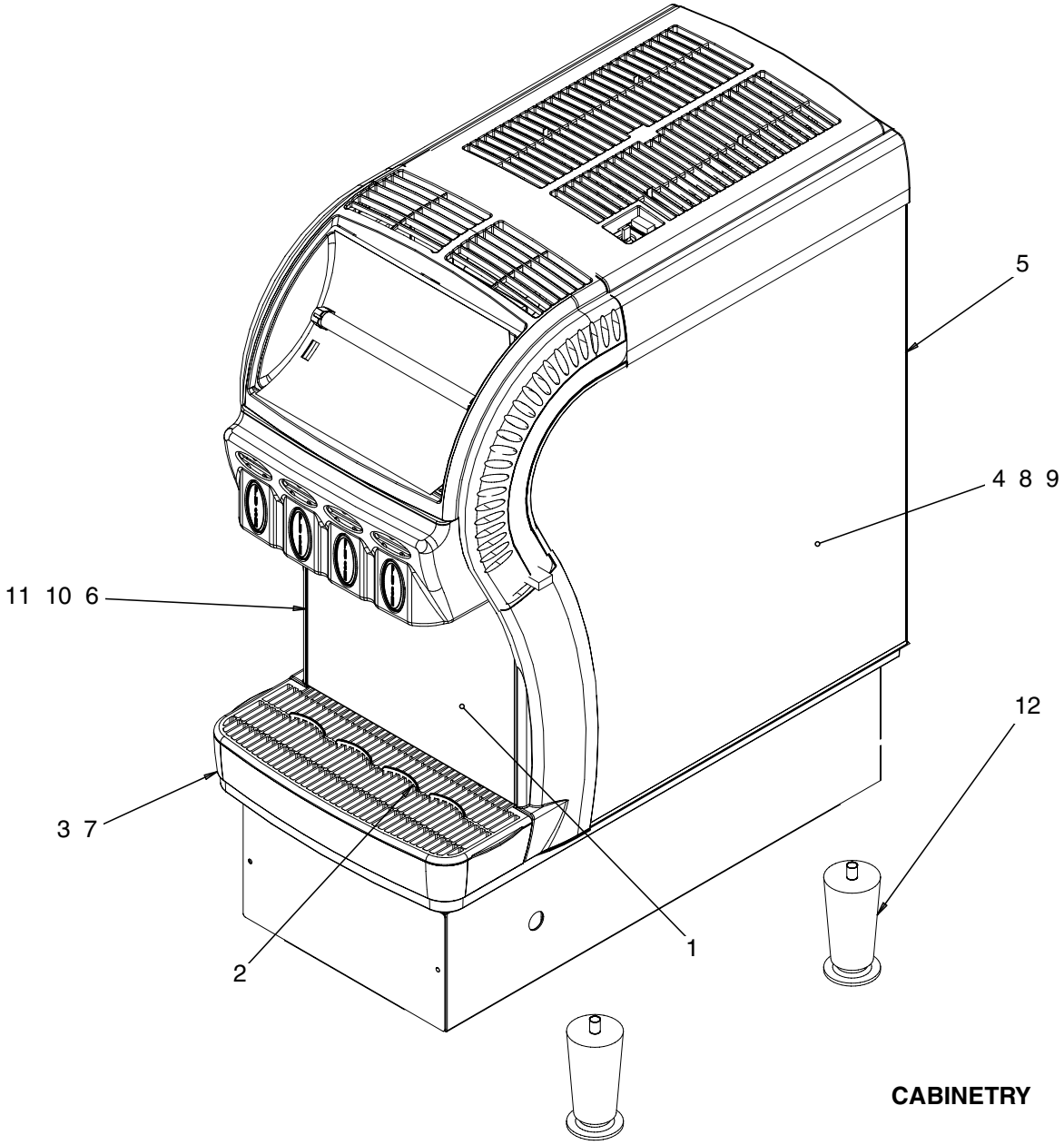

CABINETRY

Item No.	Part No.	Name
1	620050654	Splash Panel
2	620708527	Cup Rest
3	620517118	Drip Tray
4	620048118	Right Side Panel
5	620048121	Back Panel
6	620048117	Left Side Panel

Item No.	Part No.	Name
7	172265000	O-Ring (Drip Tray)
8	620710207	Stainless Steel Insert - R
9	620048120	Inner (Bracket) - R
10	620710208	Stainless Steel Insert - L
11	620048119	Inner (Bracket) - L
12	37958	Leg, 4 inch

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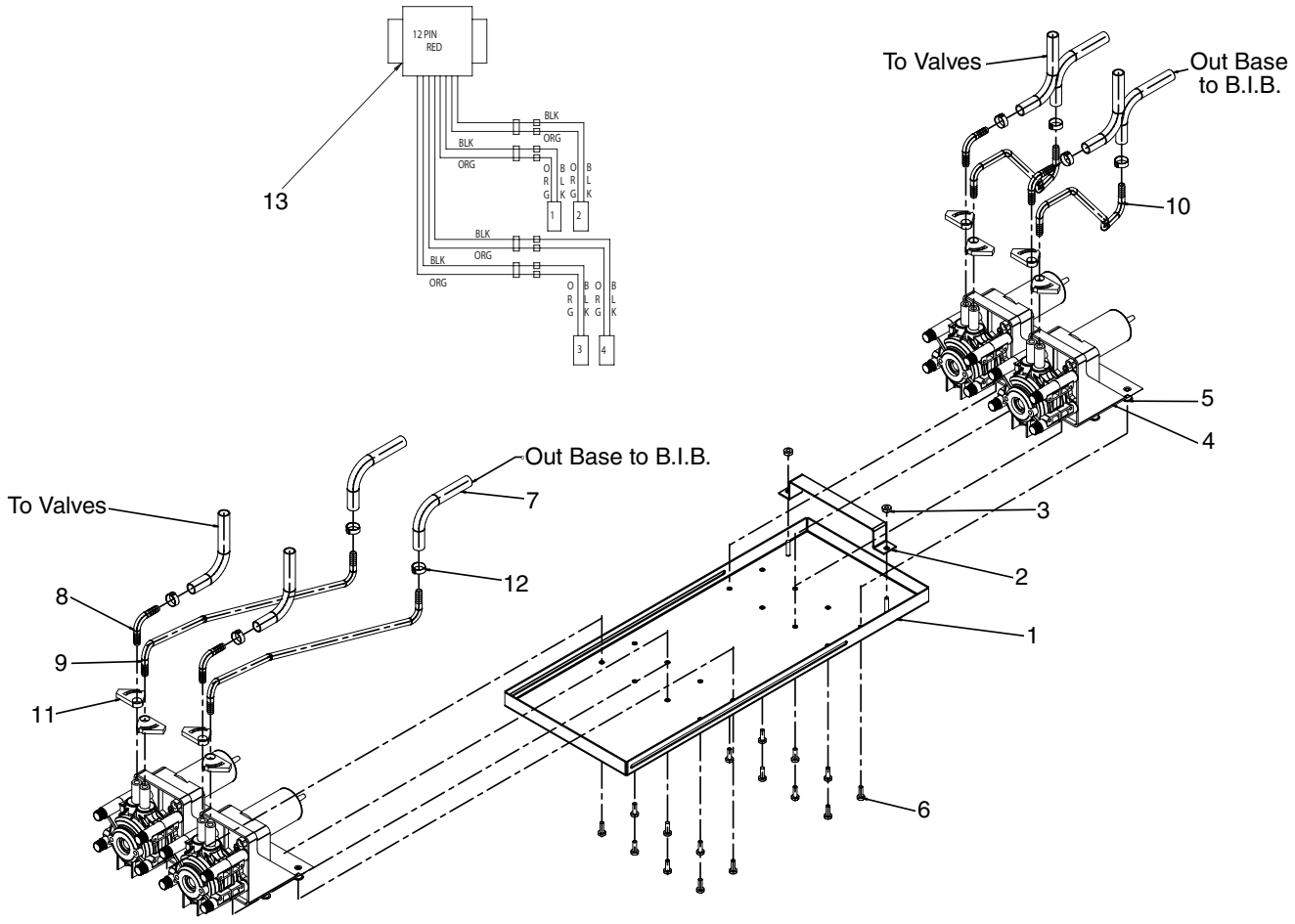

Pump Platform Assembly
P/N 620048605

Item No.	Part No.	Name
1	620048604	Pump Platform 4V
2	620049104	Bracket, Tubing Back Pump
3	200498003	Nut, Hex 8-32
4	45185	Pump & Motor Assembly
5	45283	Bushing, Rubber w/Nut Insert
6	70178	Screw 8-32
7	48456	Tubing

Item No.	Part No.	Name
8	41232	Fitting, 1/4 Barb
9	620709025	Fitting, Pump Inlet Front
10	620709026	Fitting, Pump Inlet Rear
11	48195-003	Clamp, Hose
12	48114004	Clamp #10.5
13	720201600	Harness, Pump

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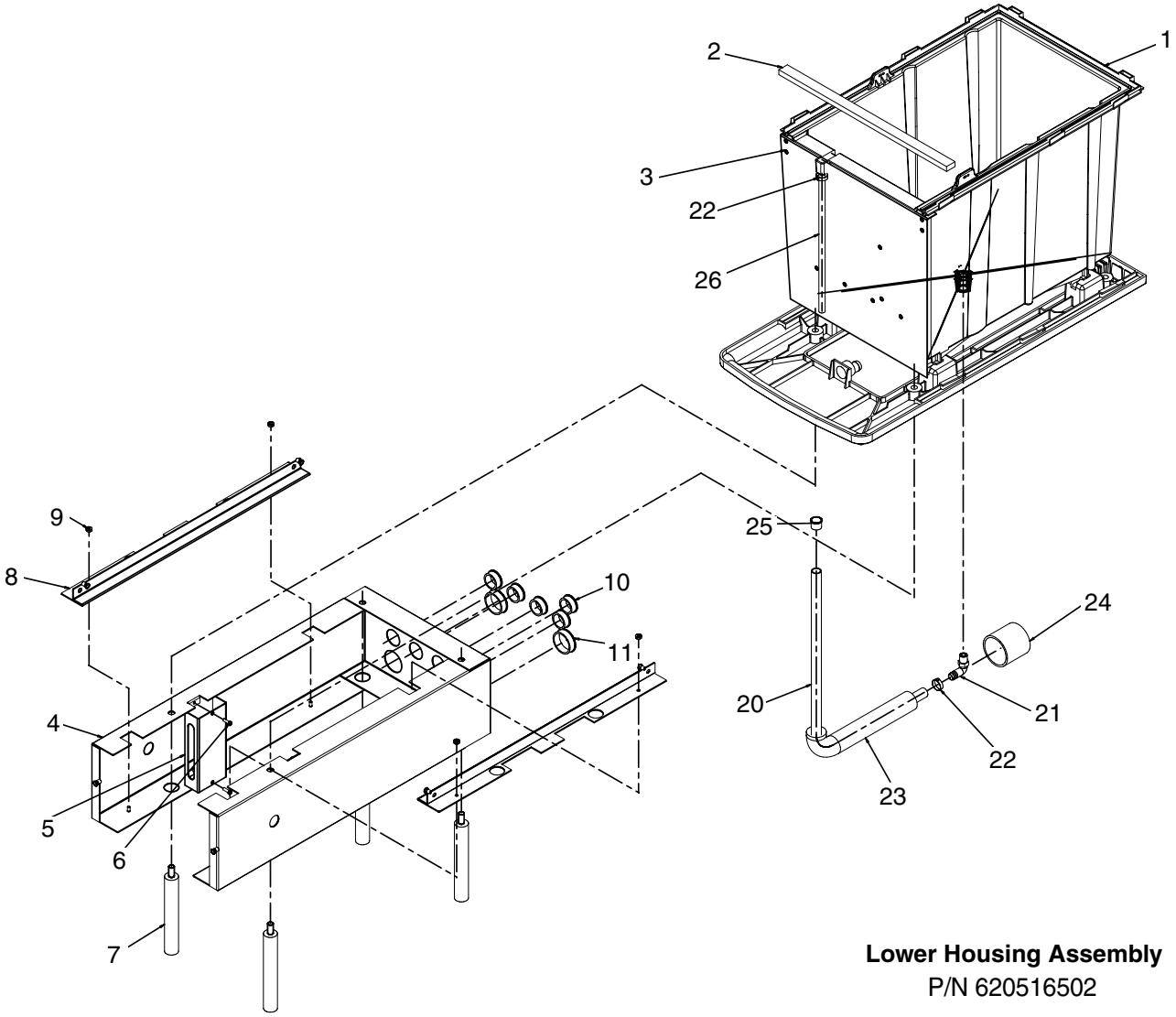

Lower Housing Assembly
P/N 620516502

Item No.	Part No.	Name
1	750100133	Waterbath Assembly
2	750500001	Insulation, Gasket Slit
3	70959	Nut, 8-32 Hex Nutsert
4	620045743	Pump Base 4V
5	620045430	Support, Pump Base
6	71822024	Screw 8-18
7	620517902	Extension, Leg
8	620047602	Channel, Pump Platform
9	200498003	Nut Hex 8-32
10	50459	Bushing, 7/8”
11	0733903	Bushing, 1-5/16ID X 1/609OD
12	18689004	Label WATER (Not Shown)
13	18689008	Label Label SYR #1 (Not Shown)

Item No.	Part No.	Name
14	18689009	Label Label SYR #2 (Not Shown)
15	18689010	Label Label SYR #3 (Not Shown)
16	18689011	Label Label SYR #4 (Not Shown)
17	18689112	Label DRAIN (Not Shown)
18	313457000	Label, Electric Shock Hazard (Not Shown)
19	620919365	Label, Slack (Not Shown)
20	50386	Tubing, 1/2 ID
21	1971	Fitting, L-Barb
22	40705	Clamp
23	50249	Tubing, Insulation 1/2 ID
24	50326	Insulation Tape (Not Shown)
25	31699004	Cap-Plug
26	60446	Tubing, 1/4 ID

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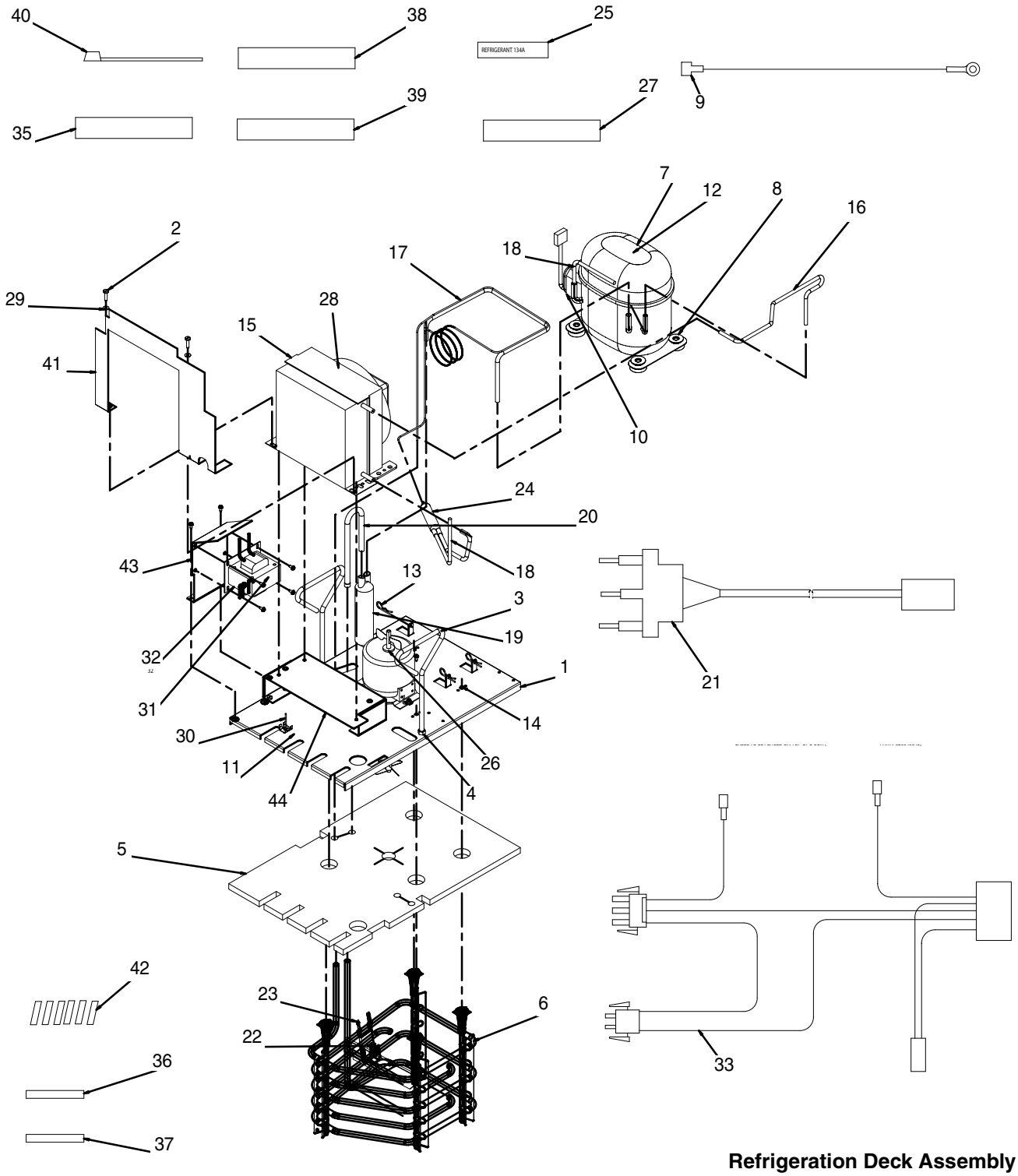

Refrigeration Deck Assembly
P/N 620048607

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Item No.	Part No.	Name
1	620045999	Refrigeration Platform 4V
2	750300227	Screw SM #8 HXWS 12 STZI
3	750300083	Handle Ref Deck
4	71091	5/16-18 Nylon Insert Locknut
5	620711604	Insulation Refrigeration Deck 4V
6	750100004	Refrigeration Evaporator Assembly 4V
7	2129 2519 620607906	Compressor 1/3 HP 120/60 Compressor 1/3 HP 230/50 Compressor 1/3 HP 230/60
8	20223010	Washer FT 489 922 065 STZI
9	750300240	Lead-Ground Assembly
10	34877001	Screw MA 8-32 HXWS 12 STZI
11	1450580001	Label Ground Earthing
12	90751	Label Notice Rfg Test
13	398034400	Pin Hitch 080D 1.562 STZI
14	70226	Screw SM 10 TB PAPH 24 STZI
15	560003701 560003702	Condenser Coil & Fan 07W 120/60 .36 Condenser Coil & Fan 230 50/60
16	750100024	Tube Discharge Comp Oly
17	750100079	Line Suction Compressor Oly
18	750300025	Tube Process Oly 1/3 HP Disp
19	31738003	Accumulator D80+ & 134A
20	750300232	Line Accumulator Inlet Tube L & M
21	560003860	Probe Ice Bank GCC
22	440000906	Clip Retaining Probe Plastic Black
23	750100402	Bracket Probe GIBC .875
24	750100097	Filter Dryer Assembly
25	52200	Refrigeration Deck
26	620042708 620042709	Agitator Motor Assembly 115V Agitator Motor Assembly 230V
27	313456000	Label Hazard Caution Cover
28	60536002	Label Warning Danger Moving Parts
29	70051	Washer FT 187 437 STZI
30	750300243	Tab Grounding Oly
31	750900819	Label 24VAC
32	620710702 620710709	Transformer 115V-26V/24V Transformer 230V-26V/24V
33	620313342	Harness Power Millennium
34	750300401	Guard 1/32" Fishpaper Transformer
35	50335	Insulation Armaflex 1-3/8 x 3/8
36	20322	Rod #6 Phoson Brazing 1/16 Dia
37	20354	Solder 1/16 Dia #35 Silver
38	50326	Insulation Tape
39	50163-1	Insulation Tube
40	50705	Tie Cable
41	750100241	Baffle Air Deck
42	750500002	Wrap Social
43	620049120	Transformer Bracket
44	750100096	Condenser Platform

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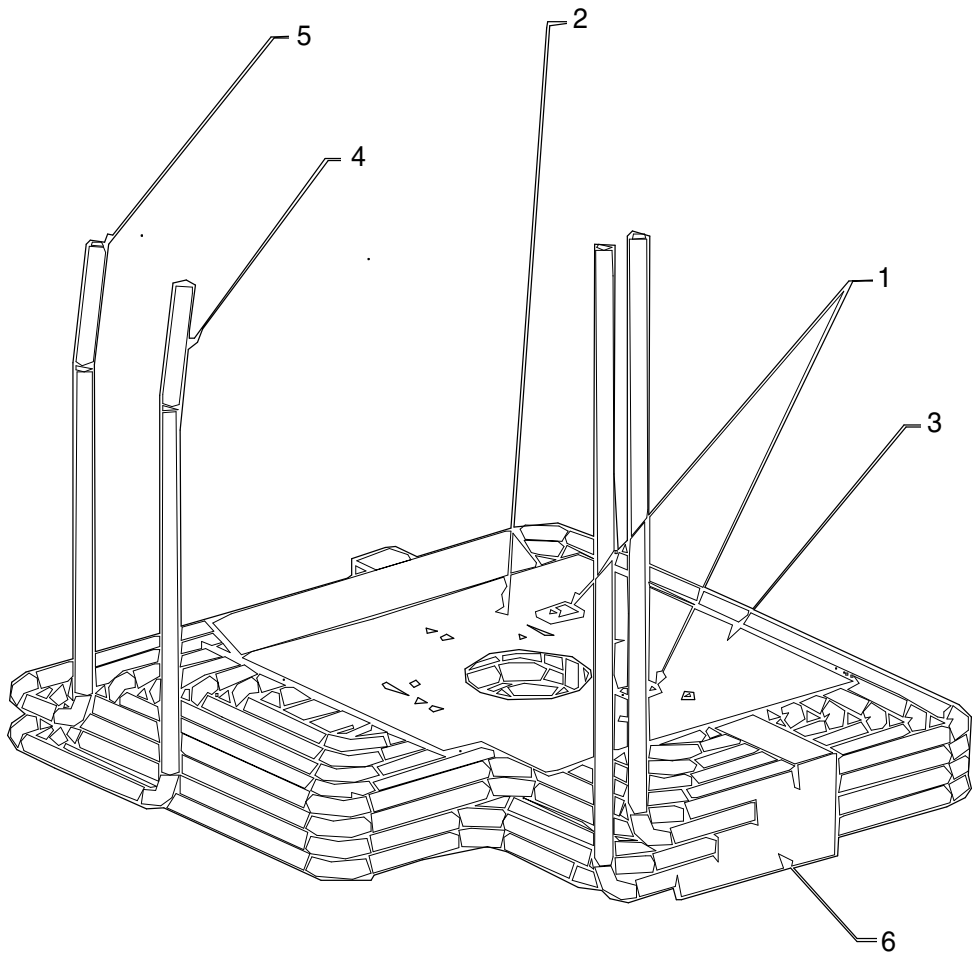

Water Coil Assembly
P/N 750100071

Item No.	Part No.	Name
1	70320	Rivet
2	750100042	Flow Baffle
3	750300064	Bracket, Flow Baffle
4	750100065	Coil, Lower

Item No.	Part No.	Name
5	750100066	Coil, Upper
6	750100082	Bracket, Coil
7	750500101	Spacer (Not Shown)

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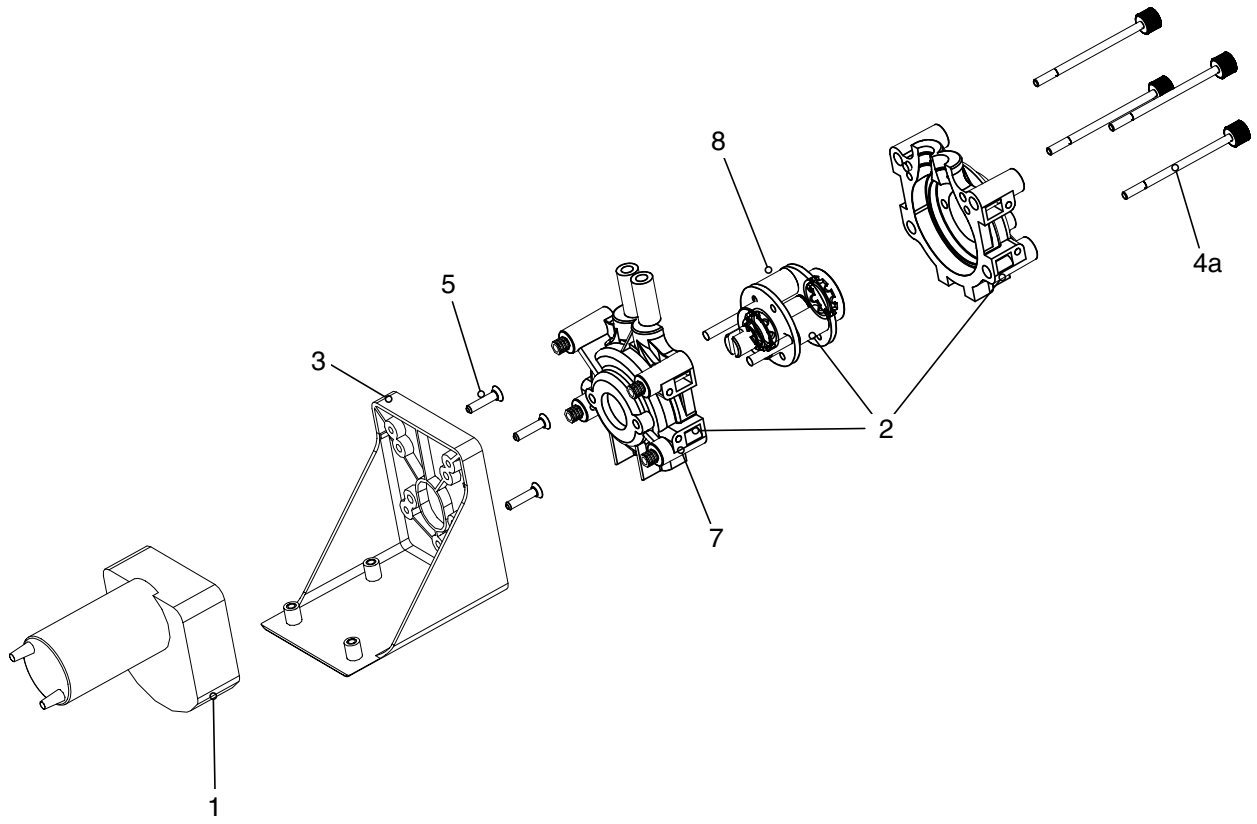

Pump & Motor Assembly
P/N 45185

Item No.	Part No.	Name
1	45016001	Pump Motor with Boot (item 7)
2	45078	Pump Complete, 3-Roller
3	45050	Block Assembly, Pump & Motor
4a	45017001	Thumbscrew
5	0702905	Screw, 8-32 x 3/4”

Item No.	Part No.	Name
6	45098	Tubing Kit (1 Pre-cut Tube & 2 Clamps) (Not Shown)
7	45074	Boot, Pump Motor (Not Shown)
8	45078	Roller
46	720701407	Machine Screw, Phillips Pan Head (Not Shown)

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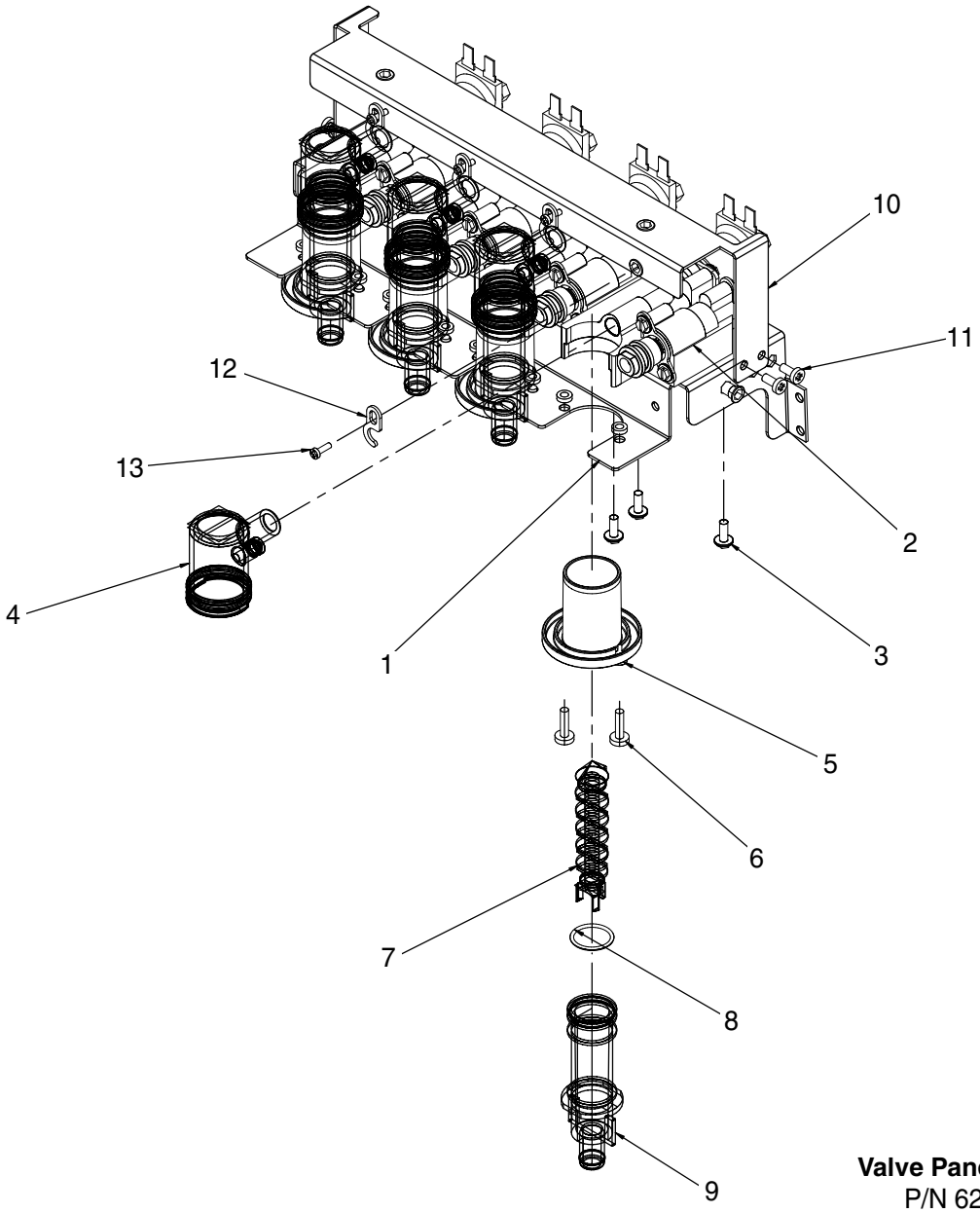

Valve Panel Assembly
P/N 620407478

Item No.	Part No.	Name
1	620045438	Beverage Valve Support 4V
2	45508200	Valve Block Assembly
3	07032001	Screw 8-18
4	720500033	Mixing Chamber
5	45027001	Nozzle Bushing
6	0704107	Screw 8-32
7	45123	Static Mixer

Item No.	Part No.	Name
8	31525037	O-Ring
9	48808001	Mixing Nozzle
10	620049103	Touch Panel Bracket 6V
11	70171	Screw 8-32
12	45586	Washer, Hold Down
13	70152	Screw 6-32

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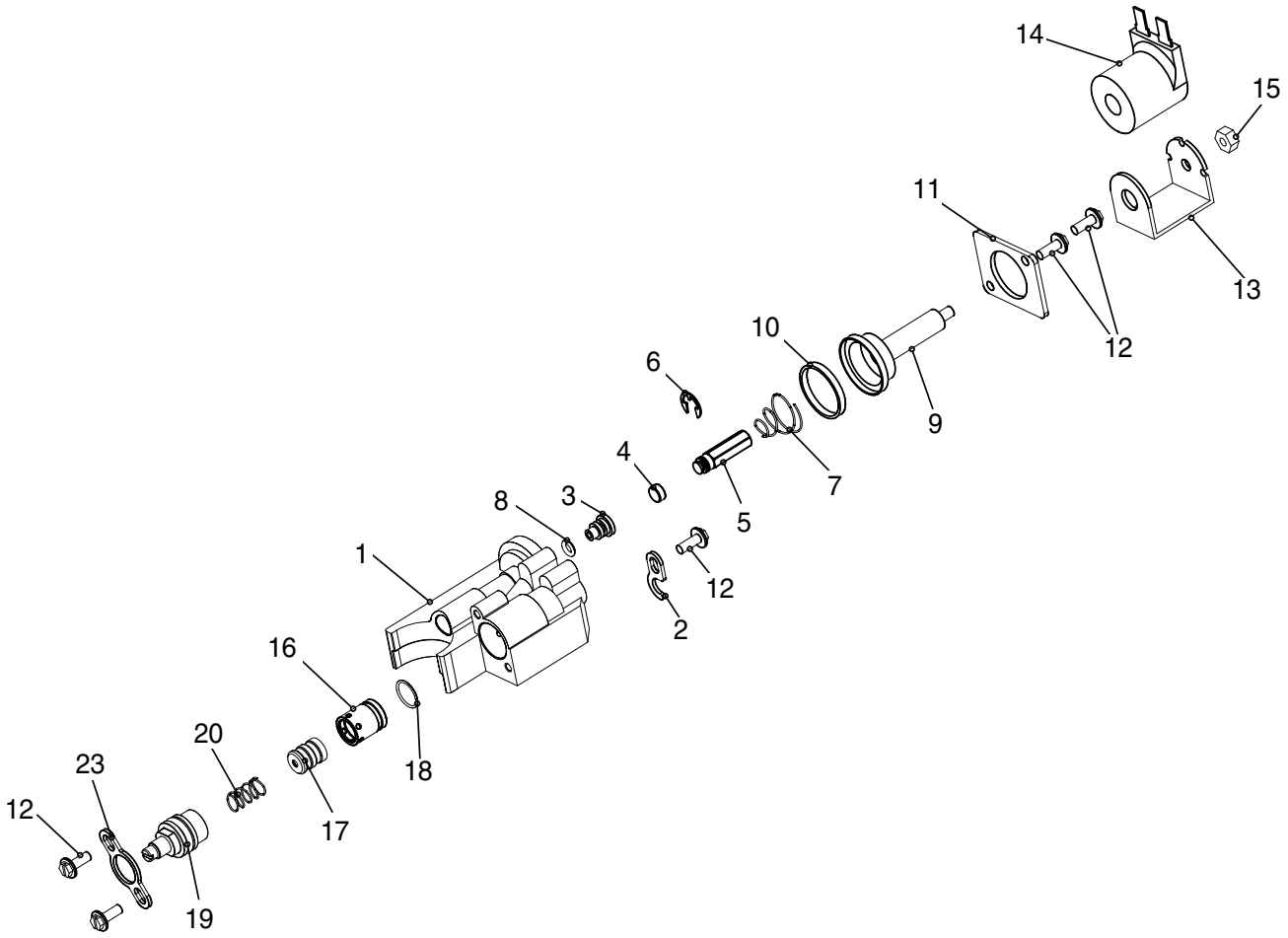

Valve Block Assembly
P/N 45508200

Item No.	Part No.	Name
1	45506100	Valve Block
2	45586	Hold Down Washer
3	49612	Valve Port, Water
4	18071	Armature Seat, Water, FFV
5	7215323	Armature, Solenoid Valve
6	71815321	Retaining Ring, .242 ID
7	18367	Coil Spring, SS
8	31525020	O-Ring, 5/16 OD x .176 ID
9	19695001	Guide
10	620710107	Rubber Gasket, Valve Block
11	45518	Bracket, Valve Block

Item No.	Part No.	Name
12	07032001	Screw, 8-18
13	16779003	"C" Frame Solenoid
14	48520001	Coil, 24VDC
15	0720406	Nut, 10-32
16	60281001	Ceramic Sleeve, Syrup, FFV
17	60280002	Ceramic Piston, Water FFV
18	31525060	O-Ring .539 x .459 x .875 OD
*	48979103	Spool & Sleeve Assembly (Items 16, 17, 18)
19	7245699	Flow Control/Bonnet Assembly
20	48258005	Spring, Syrup, FFV
23	45587	Hold Down Washer

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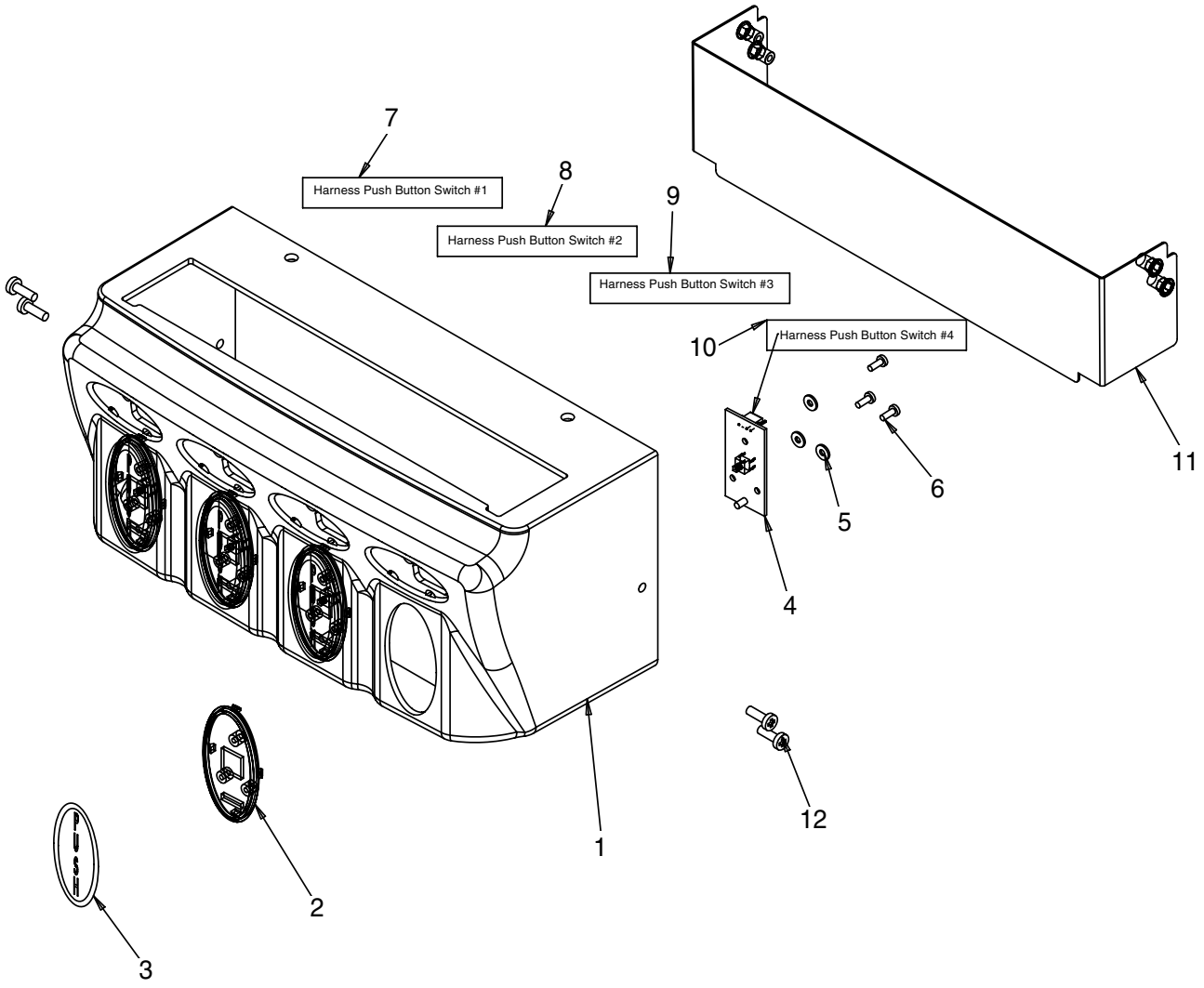

Touch Panel Assembly PB
P/N 620048129

Item No.	Part No.	Name
1	620517818	Touch Panel 4V
2	720508502	Bezel, Push Button
3	720508601	Overlay “Push”
4	720508801	Board, Push Button
5	07301029	Flat Washer Nylon .312 OD X .125 ID
6	0712901	Screw #4 Type B BH

Item No.	Part No.	Name
7	620313326	Harness Push Button Switch #1
8	620313327	Harness Push Button Switch #2
9	620313328	Harness Push Button Switch #3
10	620313329	Harness Push Button Switch #4
11	620045999	Bracket, Switch Protection 4V (Deleted on some models)
12	70747	Screw MA 8-32 TRPH 16 ST BLK

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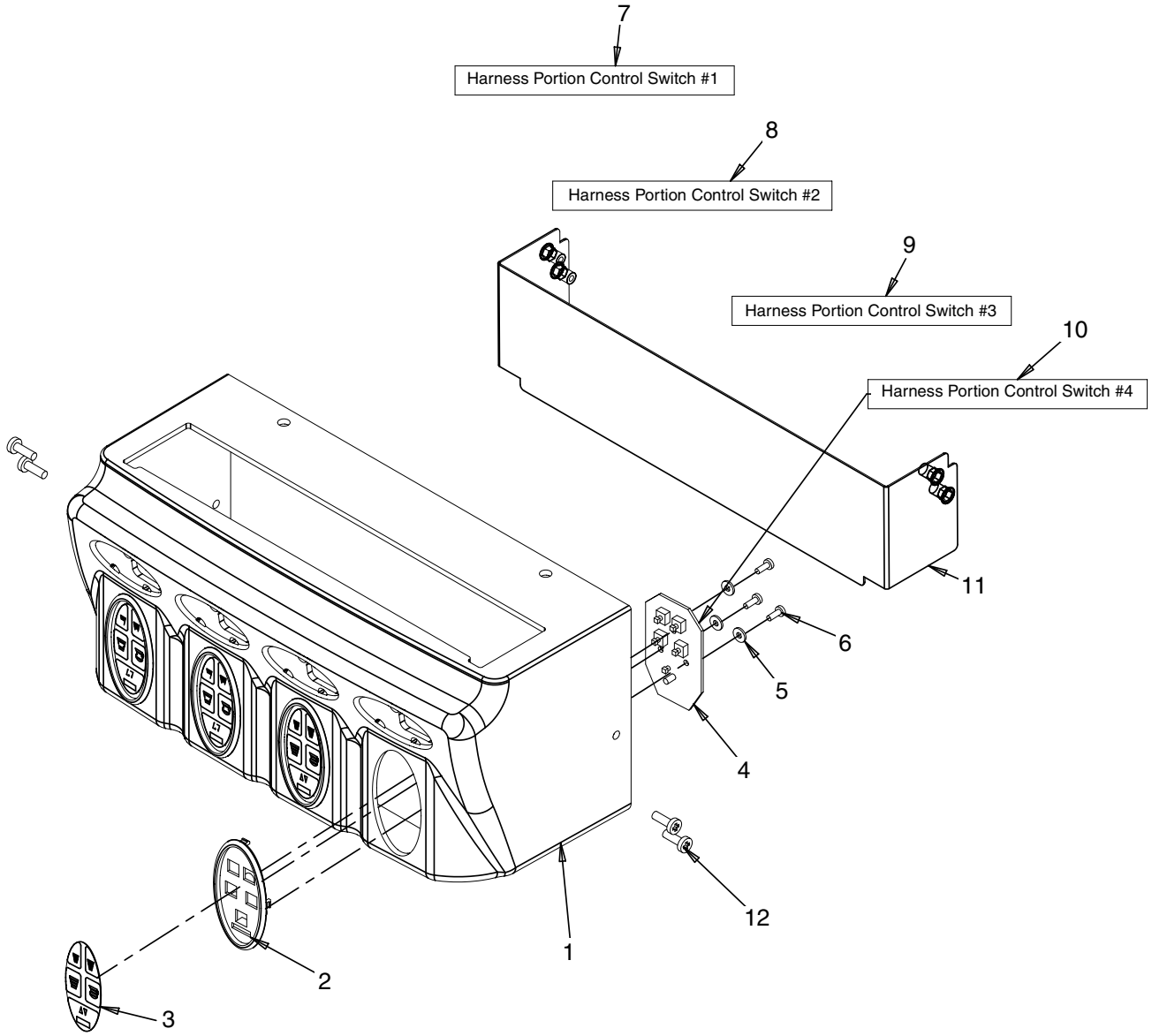

Touch Panel Assembly PC
P/N 620048131

Item No.	Part No.	Name
1	620517818	Touch Panel 4V
2	720508505	Bezel, Portion Control
3	720508602	Overlay Portion Control
4	720508802	Board, Portion Control
5	07301029	Flat Washer Nylon .312 OD X .125 ID
6	0712901	Screw #4 Type B BH

Item No.	Part No.	Name
7	620313332	Harness Portion Control Switch #1
8	620313335	Harness Portion Control Switch #2
9	620313334	Harness Portion Control Switch #3
10	620313333	Harness Portion Control Switch #4
11	620045999	Bracket, Switch Protection 4V (Deleted on some models)
12	70747	Screw MA 8-32 TRPH 16 ST BLK

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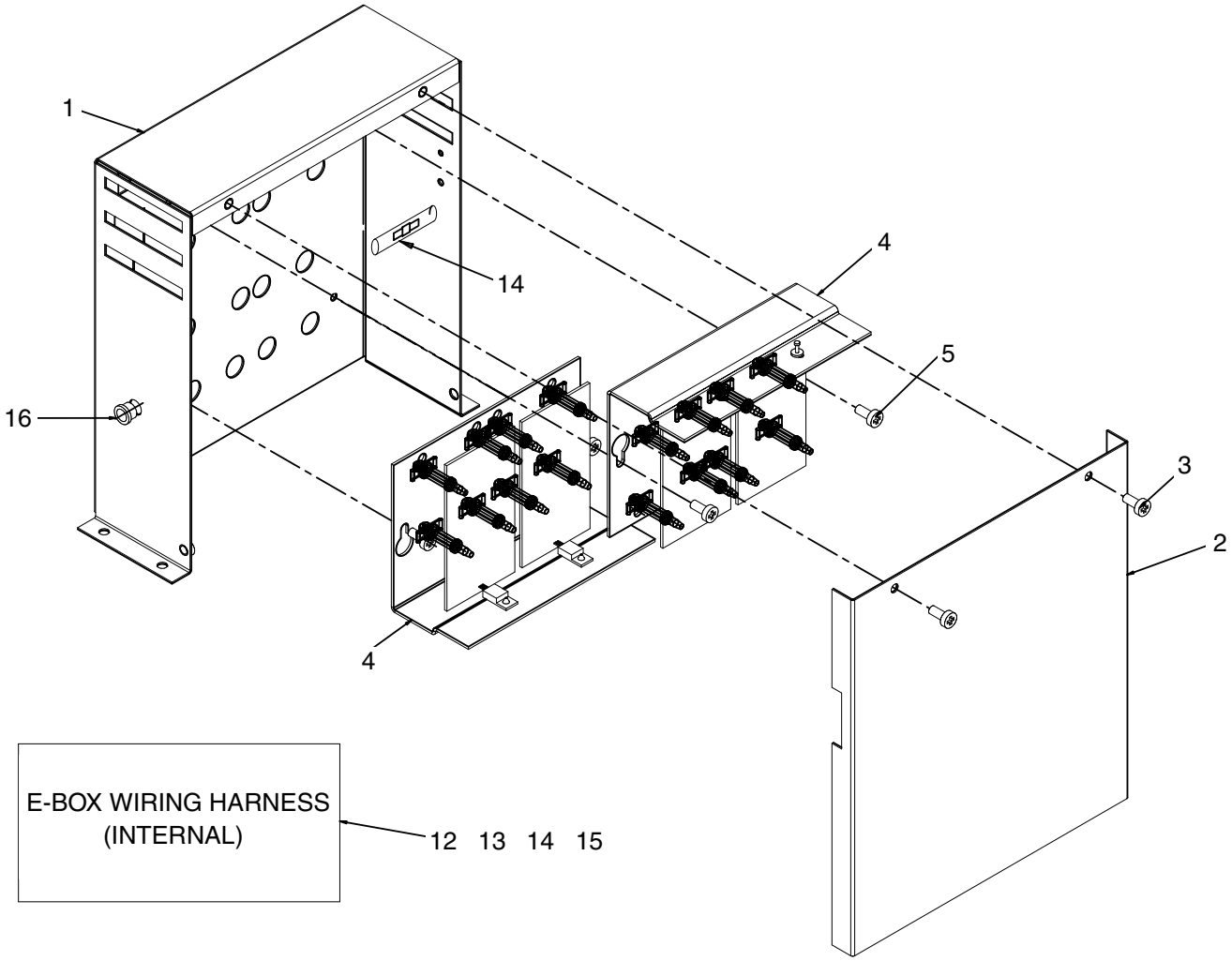

Electrical Box Assembly
P/N 620314115

Item No.	Part No.	Name
1	620314116	E-Box
2	720201403	E-Box Cover
3	07093001	Screw 8 x 3/8” PHSS Self Drill
4	45238	Voltage Regulator Assembly SL
5	0704001	Screw 8 x 3/8 Type F TH
9	720201701	Harness Assembly Pump E-Box Red

Item No.	Part No.	Name
10	720201702	Harness Assembly Speed E-Box Blue
11	720201703	Harness Assembly PB Switch E-Box White
12	720201704	Harness Assembly Power E-Box
13	0733909	Bushing Snap 1/4 ID x 3/8 OD
14	31707	Splicer, 1/4 QC

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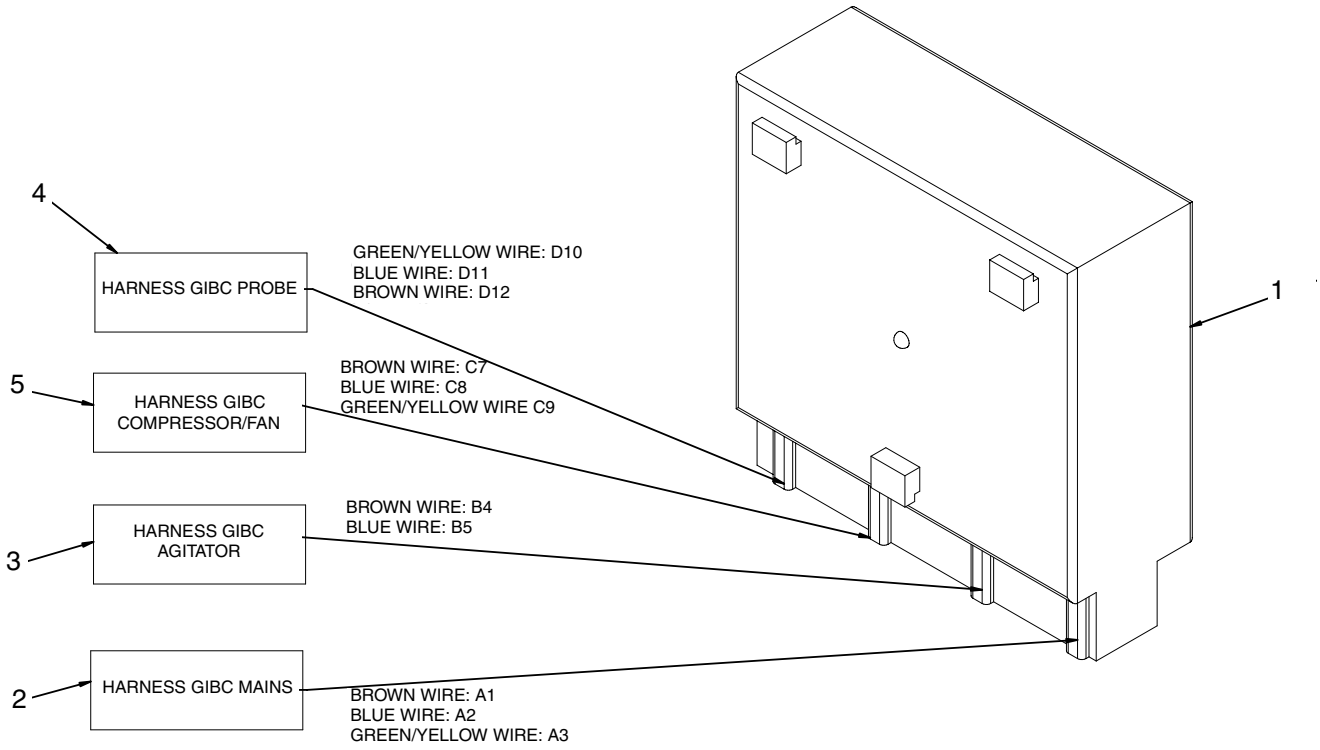

Ice Bank Control Assembly
P/N 620314406

Item No.	Part No.	Name
1	440000902	Global Ice Bank Controller
2	620313338	Harness GIBC Mains
3	620313339	Harness GIBC Agitator

Item No.	Part No.	Name
4	620313340	Harness GIBC Probe
5	620313341	Harness GIBC Compressor/Fan
6	620049107	GIBC Bracket (Not Shown)

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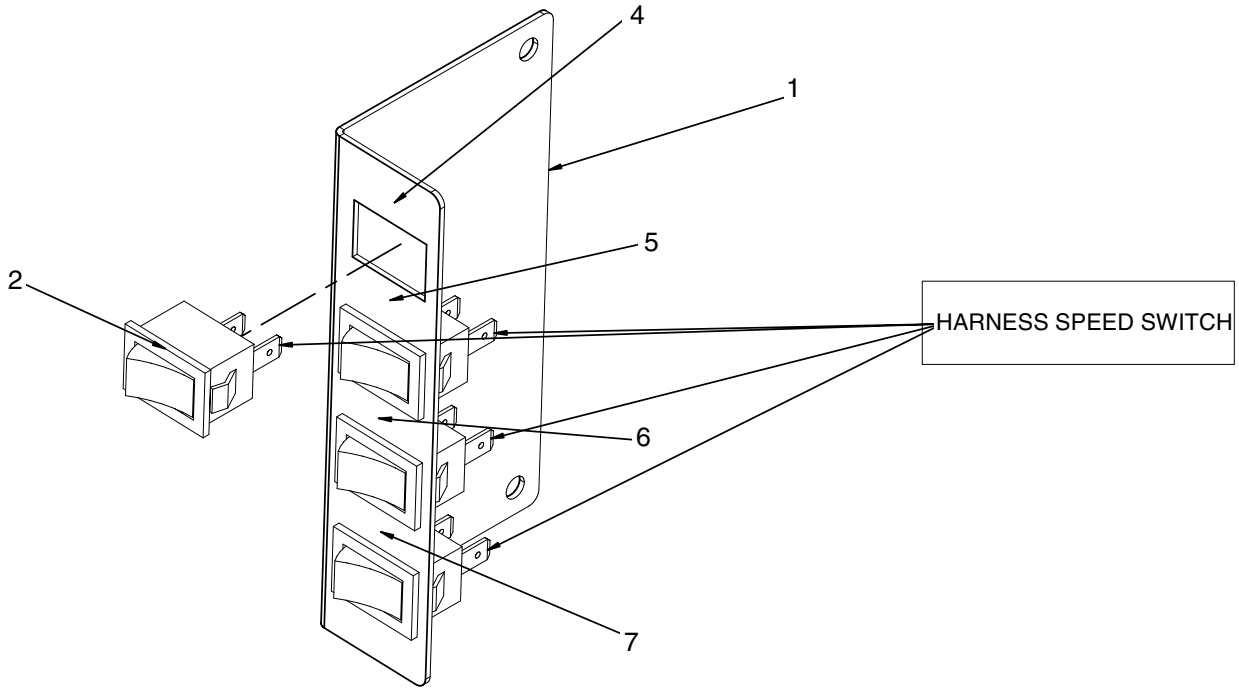

Speed Switch Assembly
P/N 620313207

Item No.	Part No.	Name
1	620049102	Bracket Speed Switch 4V
2	45432	Switch Rocker Sealed
3	720201900	Harness Speed Switch 4V (Not Shown)
4	48457001	Label Notice SPD Switch #1 (Not Shown)

Item No.	Part No.	Name
5	48457002	Label Notice SPD Switch #2 (Not Shown)
6	48457003	Label Notice SPD Switch #3 (Not Shown)
7	48457004	Label Notice SPD Switch #4 (Not Shown)

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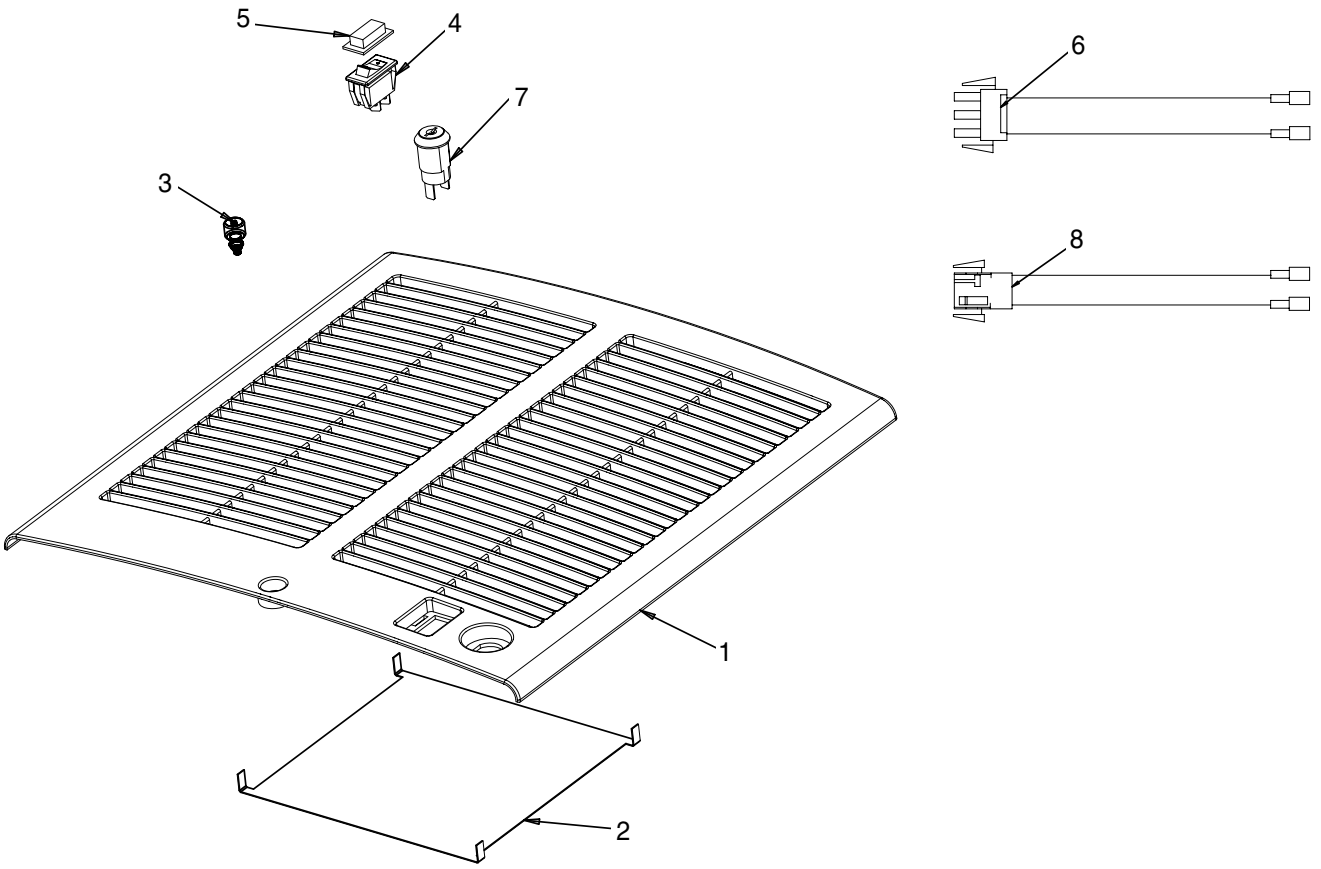

Top Panel Assembly
P/N 620048134

Item No.	Part No.	Name
1	620517015	Panel Top 4V Black
2	750100265	Baffle Anti-Spill 4V
3	750300230	Screw Snap-In Captive 8-32
4	39725003	Switch Rocker

Item No.	Part No.	Name
5	750300233	Boot Rocker Switch
6	750300304	Harness Rocker Switch
7	33300	Switch Key
8	620313361	Harness Key Switch

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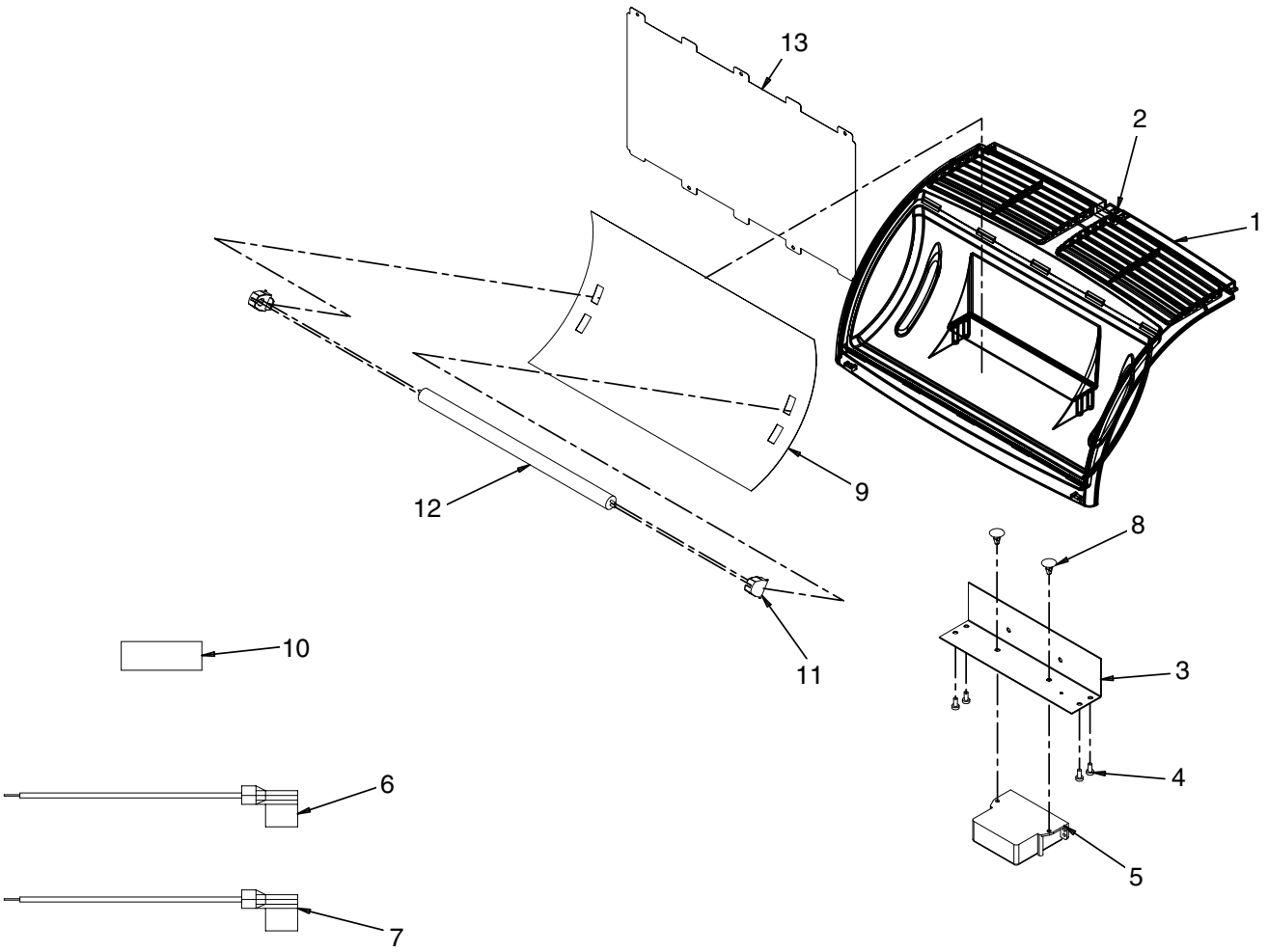

Merchandiser Assembly
P/N 620044205

Item No.	Part No.	Name
1	620519201	Merchandiser 4V Black
2	750300231	Nut-Tinnerman 8-32
3	750300251	Bracket Lamp Driver
4	84350001	Screw 8 x 3/8 SS PH Plastilok
5	750300262	Lamp Driver
6	750300256	Harness Black Fmerch Driver
7	750300257	Harness White Fmerch Driver

Item No.	Part No.	Name
8	750300258	Drive Fastener
9	750100252	Reflector Lamp 4V
10	50057R	Tape .040 THK x 1/2
11	60064004	Socket Lamp
12	750100254	Bulb 6W 8.34IN
13	620518208	Clear Lens

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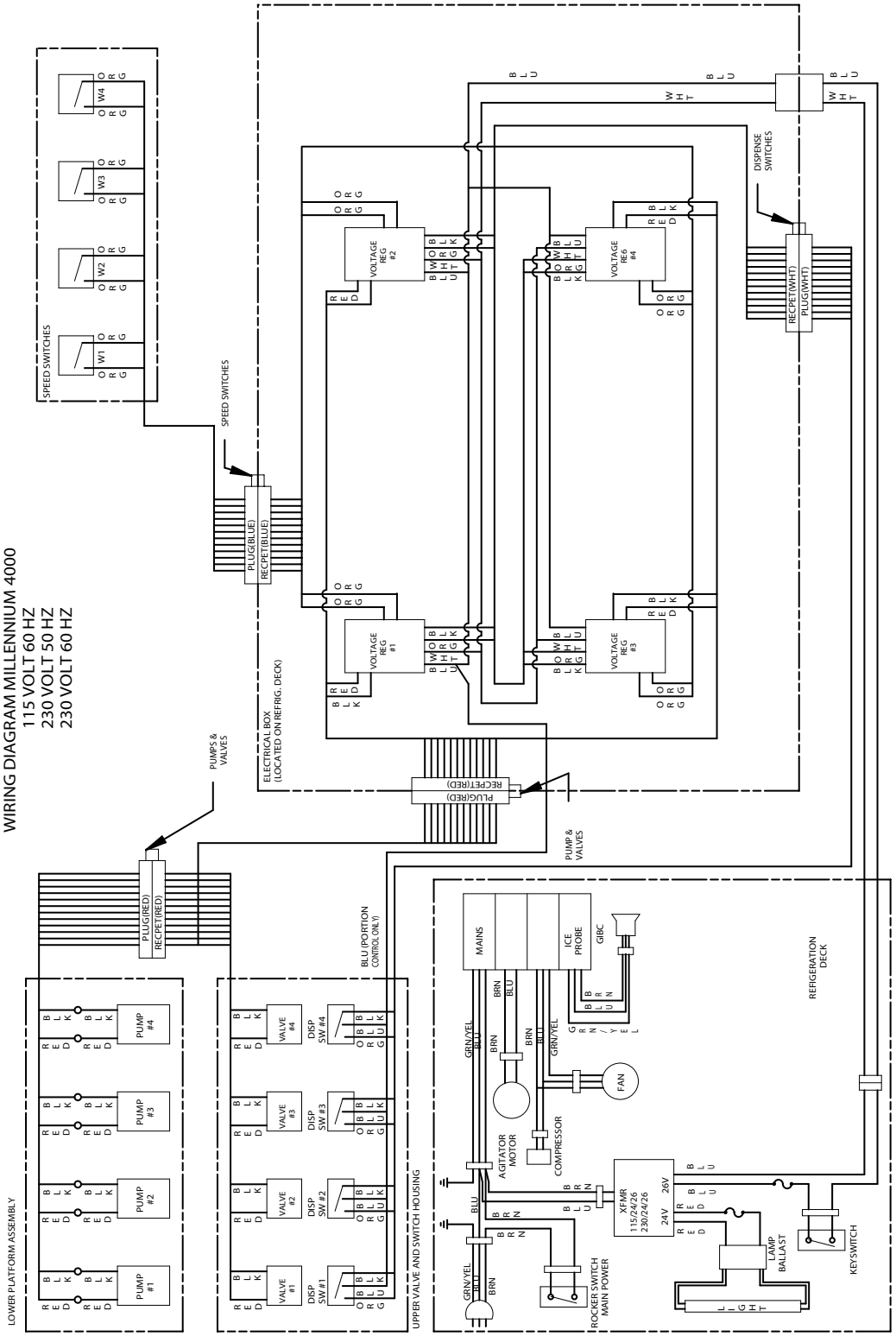

Wiring Diagram for Units with Diagram P/N 620919366

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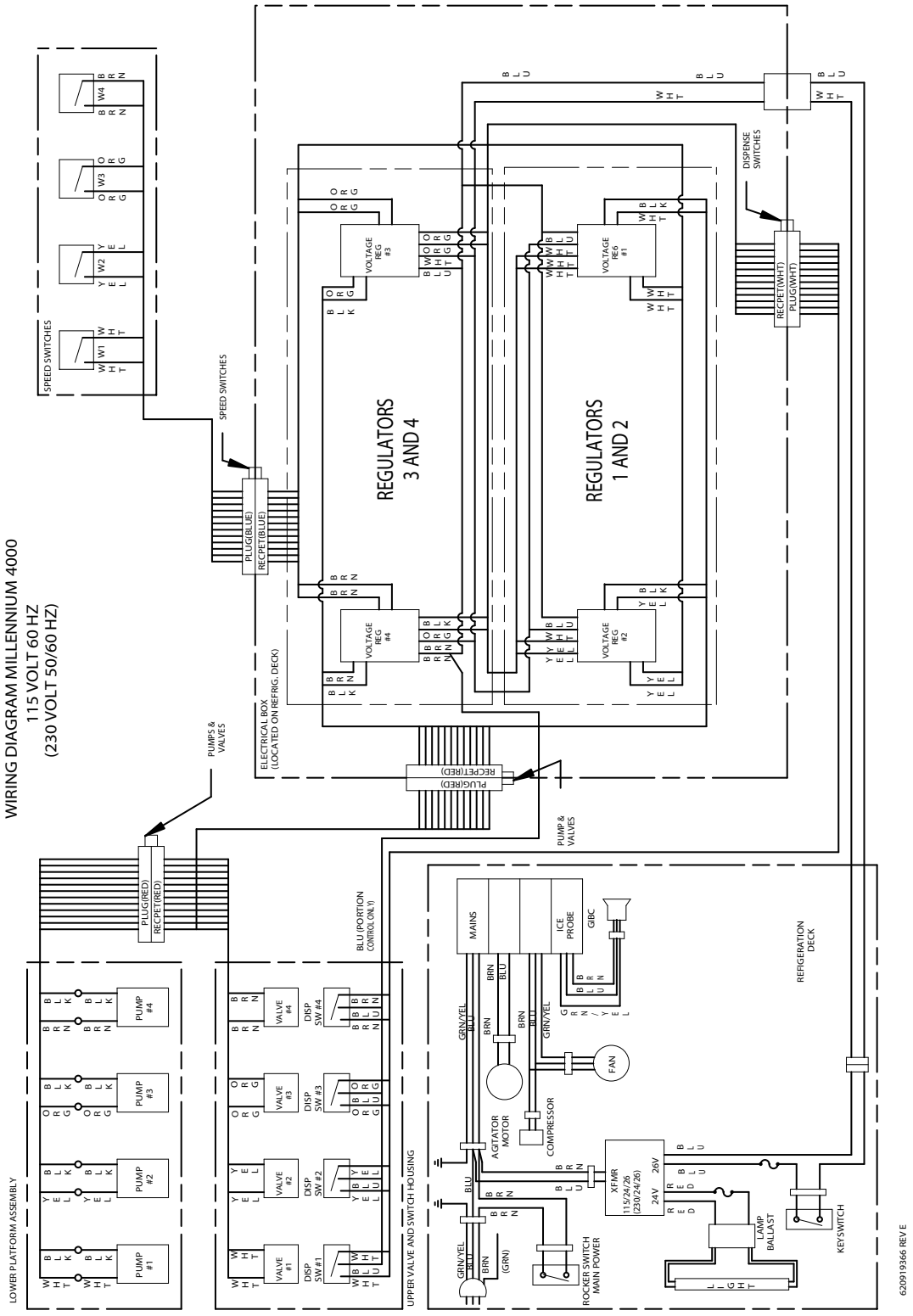

Wiring Diagram for Units with Diagram P/N 620092051

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Recommended Spare Parts List	
Part No.	**Name**
560003701	Condenser Coil & Fan, 115 VAC
18071	Seat, Armature - Water Valve
18367	Spring, Coil SS - Water Solenoid
620710702	Transformer 115 VAC
45098	Pump Tubing Kit
7215323	Armature - Water Solenoid
7245699	Flow Control/Bonnet Assembly
18070002	O-Ring - Water Solenoid Guide
19695001	Guide, Water Solenoid
31525037	O-Ring - Dispensing Nozzle
45012102	Voltage Regulator Board
45016001	Pump Gear Motor
45728001	Pump Rotor Assembly
48520001	Coil, 24 VDC, Valve Block
48979103	Spool & Sleeve Assembly (w/31525060 O-Ring)
59328001	Fuse, 6.25A 250 VAC
440000902	Global Ice Bank Control
7503003031	Agitator Motor Assembly
48808001	Dispense Nozzle
45123	Static Mixer
720500033	Mixing Chamber
720508801	Push Button Control Board
720508802	Portion Control Board
750300262	Ballast
750300254	Fluorescent Bulb
45432	Rocker Switch - Speed Adjustment
620517118	Drip Tray
620708527	Cup Rest
620517818	Touch Panel
620517015	Top Panel
620519201	Merchandiser
620048117	Left Panel
620048119	Left Panel Inner
620048118	Right Panel
620048120	Right Panel Inner
620048121	Back Panel
620710207	Left Cladding
620710208	Right Cladding
48456	Concentrate Tubing

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Accessories and Service Items	
Part No.	**Name**
629087548	Key Lock Kit - Allows installation of keylock into either left or right side of the base.
629087567	(115/60) Service Replacement
629087568	(230/50) Kit - Refrigeration
629087569	(230/60) Compressor
48433	High Ratio Kit
629087498	Push Button to Portion Control Conversion Kit
620050662	(Right) Replacement Side
620050663	(Left) Panel Assembly

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