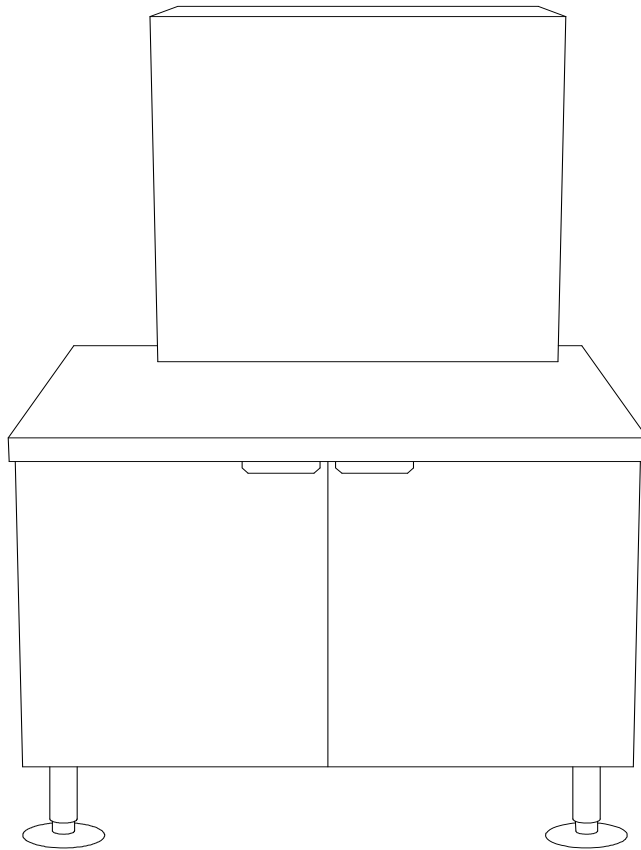




PARTS LIST

36" GAS BOILERS

MODELS: CB36-200 (G)
CB36-250 (G)
CB36-300 (G)



BLODGETT OVEN CO ▪ 44 lakeside Ave ▪ Burlington, VT 05446
Tel. 800-331-5842 ▪ Fax 802-860-3732 ▪ www.blodgett.com

FIGURE 1

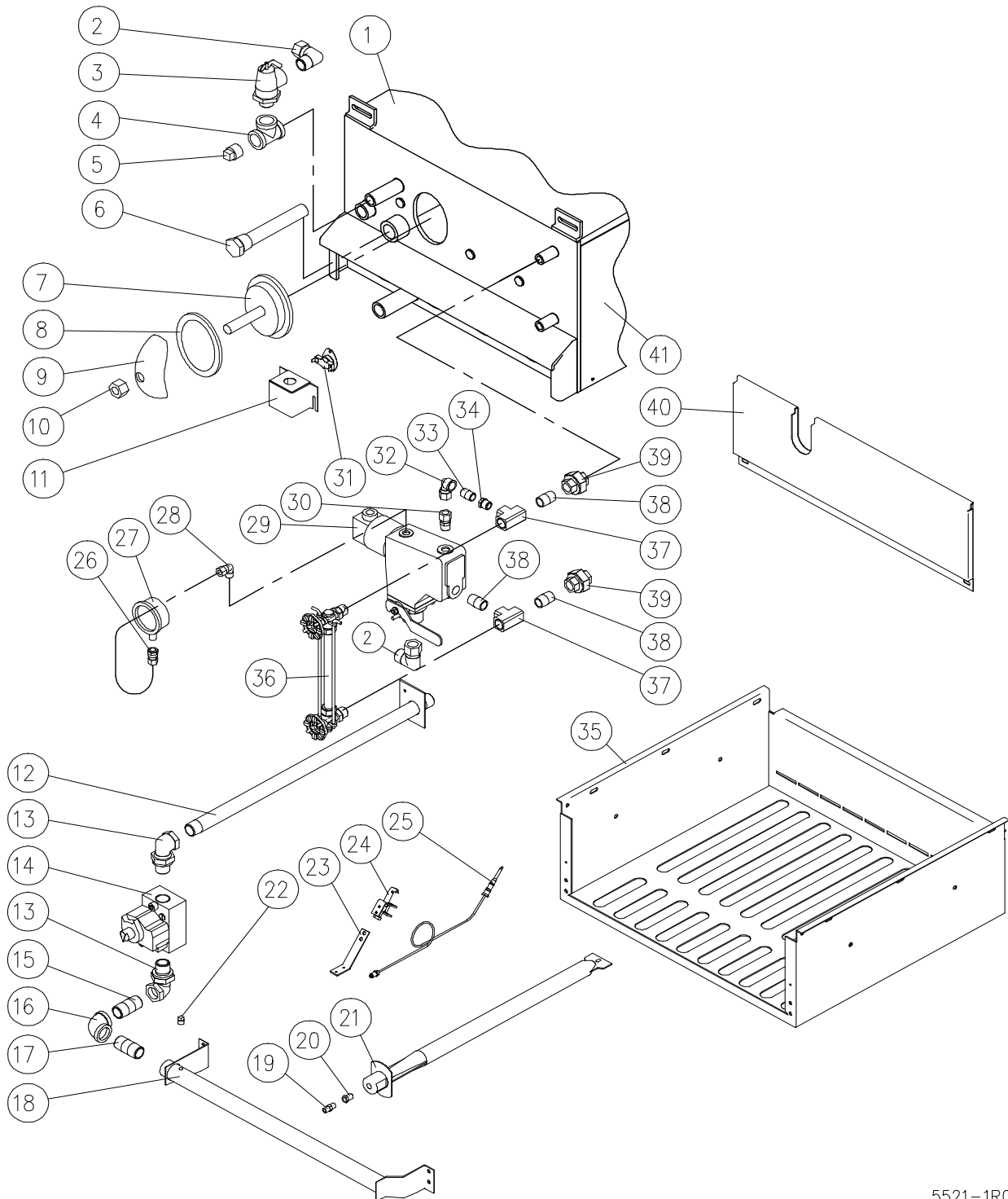
GAS BOILER SHELLS 24" WIDE

(Choose Replacement boiler shell based on description and shape of flue)

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	41731	200,000, 250,000, 300,000 BTU USED ON ALL COOKERS IN 36" CABINET BASE OR LARGER ALSO BOILER BASE UNITS I.E. CB36-200G LOW RECTANGULAR FLUE
2	41732	200,000, 250,000, 300,000 BTU USED ON UNITS THAT HAVE 6 GAL. DIRECT STEAM KETTLE MOUNTED ON THE CABINET WITH COOKER HIGH RECTANGULAR FLUE
3	41733	200,000, 250,000, 300,000 BTU USED ON UNITS THAT HAVE 10 GAL. DIRECT STEAM KETTLE MOUNTED ON THE RIGHT HAND SIDE OF CABINET WITH A COOKER FLUE DROPS DOWN ON RIGHT SIDE
4	41734	200,000, 250,000, 300,000 BTU FLUE DROPS DOWN ON BOTH SIDES
5	41735	200,000, 250,000, 300,000 BTU USED WITH A 42" CABINET BASE FLUE DROPS DOWN ON LEFT SIDE

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

FIGURE 2



5521-1R0

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

<u>ITEM</u>	<u>Part Number</u>	<u>DESCRIPTION</u>	<u>FIGURE 2</u>		
			<u>200G</u>	<u>250G</u>	<u>300G</u>
1	42026	Top Insulation Cover	1	1	1
2	40439	Elbow, 3/4C x 3/4 MPT	1	1	1
3	40611	Safety Relief Valve	1	1	1
4	41792	Tee, 3/4 FPT	1	1	1
5	42950	Square Head Plug 3/4 NPT	1	1	1
**	42371	Anode 1" NPT x 6"	1	1	1
*	41727	Anode (Hanging)	1	1	1
7	41504	Hand Hole Cover Plate	1	1	1
8	41505	Hand Hole Gasket	1	1	1
9	41506	Yoke	1	1	1
10	40208	Nut	1	1	1
11	42708	High Limit Box	1	1	1
12	43359	Gas Supply Pipe Assembly	1	1	1
13	40617	Union Elbow, 3/4"	1	1	1
**	41156	Combination Gas Control, Natural	1	1	1
	41157	Combination Gas Control, LP	1	1	1
**	41103	Combination Gas Control, Natural, Electronic Ignition	1	1	1
**	41104	Combination Gas Control LP, Electronic Ignition	1	1	1
15	41784	Nipple, 3/4 x 3"	1	1	1
16	41789	Elbow, 3/4"	1	1	1
17	41783	Nipple, 3/4 x 2-1/2	1	1	1
18	43360	Manifold Assembly	1	1	
	40236	Manifold Assembly			1
19	40312	Hex Nipple	8	10	8

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

<u>ITEM</u>	<u>Part Number</u>	<u>DESCRIPTION</u>	<u>200G</u>	<u>250G</u>	<u>300G</u>
** 20	43001	Orifice, Natural Gas	8	10	
	43000	Orifice, Natural Gas			8
	42304	Orifice, LP Gas	8	10	
	42303	Orifice, LP Gas			8
** 21	41481	Burner Complete With Bracket	1	1	
	41480	Burner	7	9	
	40238	Burner			8
	41482	Burner Complete with Bracket, Electronic Ignition	1	1	
22	41813	Pipe Plug, 1/8 NPT	1	1	1
23	40639	Pilot Mounting Bracket			1
** 24	41160	Pilot Burner, Natural	1	1	1
	41161	Pilot Burner, LP	1	1	1
	42349	Pilot/Ignitor Natural, Electronic Ignition	1	1	1
	42350	Pilot/Ignitor LP, Electronic Ignition	1	1	1
25	41163	Thermocouple	1	1	1
26	40416	Connector 3/8C x 1/4 NPT	1	1	1
27	40576	Pressure Gauge	1	1	1
28	40444	Elbow, 3/8C x 1/4 NPT	1	1	1
29	41009	Water Level Control	1	1	1
*	41748	Float	1	1	1
*	41747	Switch	1	1	1
*	41745	Round Gasket	1	1	1
*	41746	Square Gasket	1	1	1
*	41749	Blow down Valve	1	1	1
	40434				

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

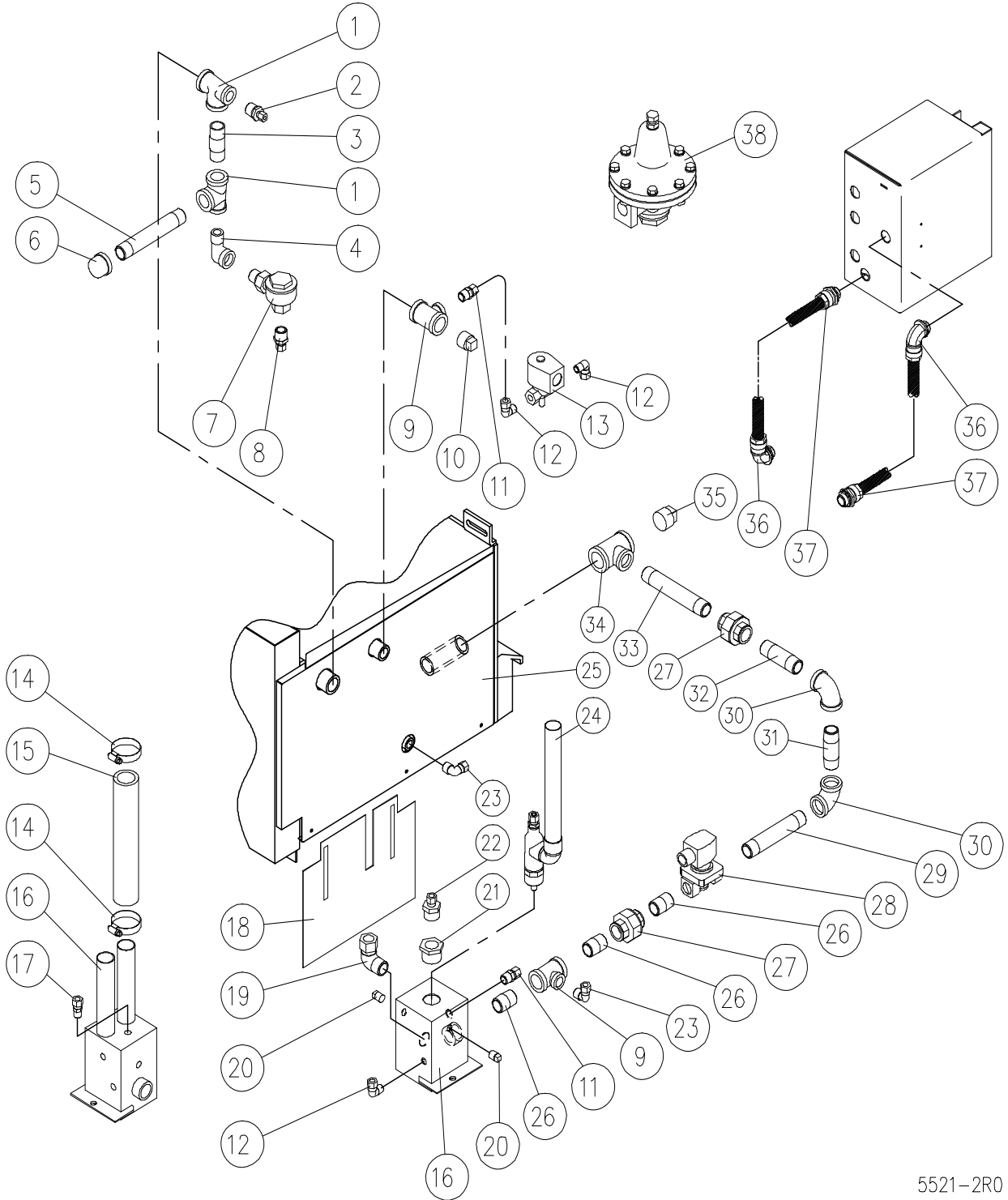
<u>ITEM</u>	<u>Part Number</u>	<u>DESCRIPTION</u>	<u>200G</u>	<u>250G</u>	<u>300G</u>
30		Connector, 1/2C x 3/8 NPT	1	1	1
31	40877	High Limit Thermostat, 500°F	1	1	1
32	40455	Elbow, 1/2C x 3/8 NPT	1	1	1
33	42970	Close Nipple, 3/8 Brass	1	1	1
34	43361	Bushing, 1/2 MPT x 3/8 MPT	1	1	1
35	42024	Burner Box	1	1	
	41248	Burner Box			1
36	43045	Water Gauge Assembly	1	1	1
*	41878	Water Gauge Glass, 5/8 x 5"	1	1	1
*	41741	Rod	2	2	2
*	41743	Rubber Washer	2	2	2
*	41744	Brass Washer	2	2	2
37	42693	Ex Tee, 1/2 NPT	1	1	1
38	42955	Close Nipple, 1/2 NPT	1	1	1
39	43362	Union Coupling, 1/2 NPT	1	1	1
40	42029	Front Insulation Cover	1	1	1
41	42027	Right Hand Insulation Cover	1	1	1

* NOT SHOWN.

** SELECT AS REQUIRED.

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

FIGURE 3



5521-2R0

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

FIGURE 3

<u>ITEM</u>	<u>Part Number</u>	<u>DESCRIPTION</u>	<u>200G</u>	<u>250G</u>	<u>300G</u>
1	43363	Tee, 3/4 x 1/2 x 3/4	2	2	2
2	40426	Connector, 1/4C x 1/2 NPT	1	1	1
3	41783	Nipple, 3/4 x 2-1/2	1	1	1
4	41790	Street Elbow, 1/2	1	1	1
5	42963	Nipple, 3/4 x 6	1	1	1
6	42954	Pipe Cap, 3/4	1	1	1
7	40615	Steam Trap, 3/4	1	1	1
8	40432	Connector, 3/8C x 1/2 NPT	1	1	1
9	41794	Tee, 3/4 x 3/4 x 3/8	1	1	1
10	43364	Pipe Plug, 3/4	1	1	1
11	40431	Connector, 3/8C x 3/8 NPT	2	2	2
12	40444	Elbow, 3/8C x 1/4 NPT	2	2	2
13	40595	Override Solenoid	1	1	1
14	41800	Gear Clamp	4	4	4
15	42216	Drain Hose	2	2	2
**	41199	Drain (Pressurless)	1	1	1
	41200	Drain (Boilers, Cookers)	1	1	1
17	40430	Connector 3/8C x 1/4 NPT	1	1	1
18	42683	Baffle Plate	1	1	
19	40439	Elbow, 3/4C x 3/4 NPT	1	1	1
20	41814	Pipe Plug, 1/4 NPT	1	1	1
21	42949	Red Bushing, 1 x 3/4 NPT	1	1	1
22	40431	Elbow, 3/8C x 3/4 NPT	1	1	1
23	40445	Elbow, 3/8C x 3/8 NPT	1	1	1

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

<u>ITEM</u>	<u>Part Number</u>	<u>DESCRIPTION</u>	<u>200G</u>	<u>250G</u>	<u>300G</u>	
24	42811	Drain (Pressure Cookers)	1	1	1	
25	42028	Left Hand Insulation Cover	1	1	1	
26	43365	Close Nipple, 3/4	3	3	3	
27	42942	Union, 3/4 NPT	2	2	2	
** *	28	40551	Ball Valve, 3/4	1	1	1
	40604	Solenoid Valve, Optional	1	1	1	
29	42930	Nipple 3/4 x 4-1/2"	1	1	1	
30	41789	Elbow, 3/4	2	2	2	
31	42929	Nipple, 3/4 x 4"	1	1	1	
32	42927	Nipple, 3/4 x 3-1/4"	1	1	1	
33	42934	Nipple, 3/4 x 6"	1	1	1	
34	42937	Tee, 1 x 1 x 3/4	1	1	1	
35	42952	Pipe Plug 1"	1	1	1	
36	41876	Liquid Tite Elbow 3/8"	2	2	2	
37	42945	Liquid Tite Connector 3/8"	2	2	2	
38	40578	Pressure Regulator	1	1	1	
*	39	41348	Left Hand Side Insulation			1

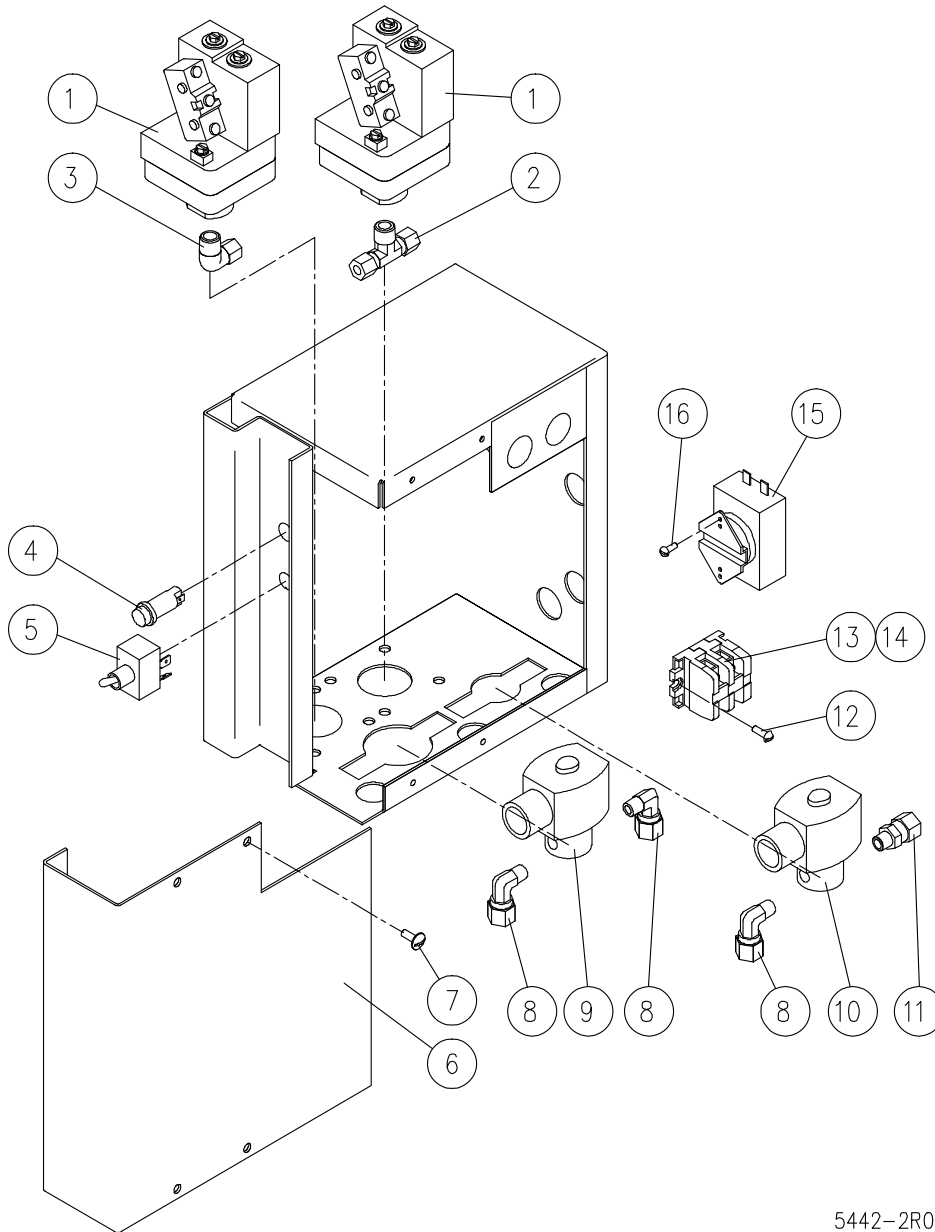
* NOT SHOWN.

** SELECT AS REQUIRED.

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

FIGURE 4

STANDARD CONTROLS



5442-2R0

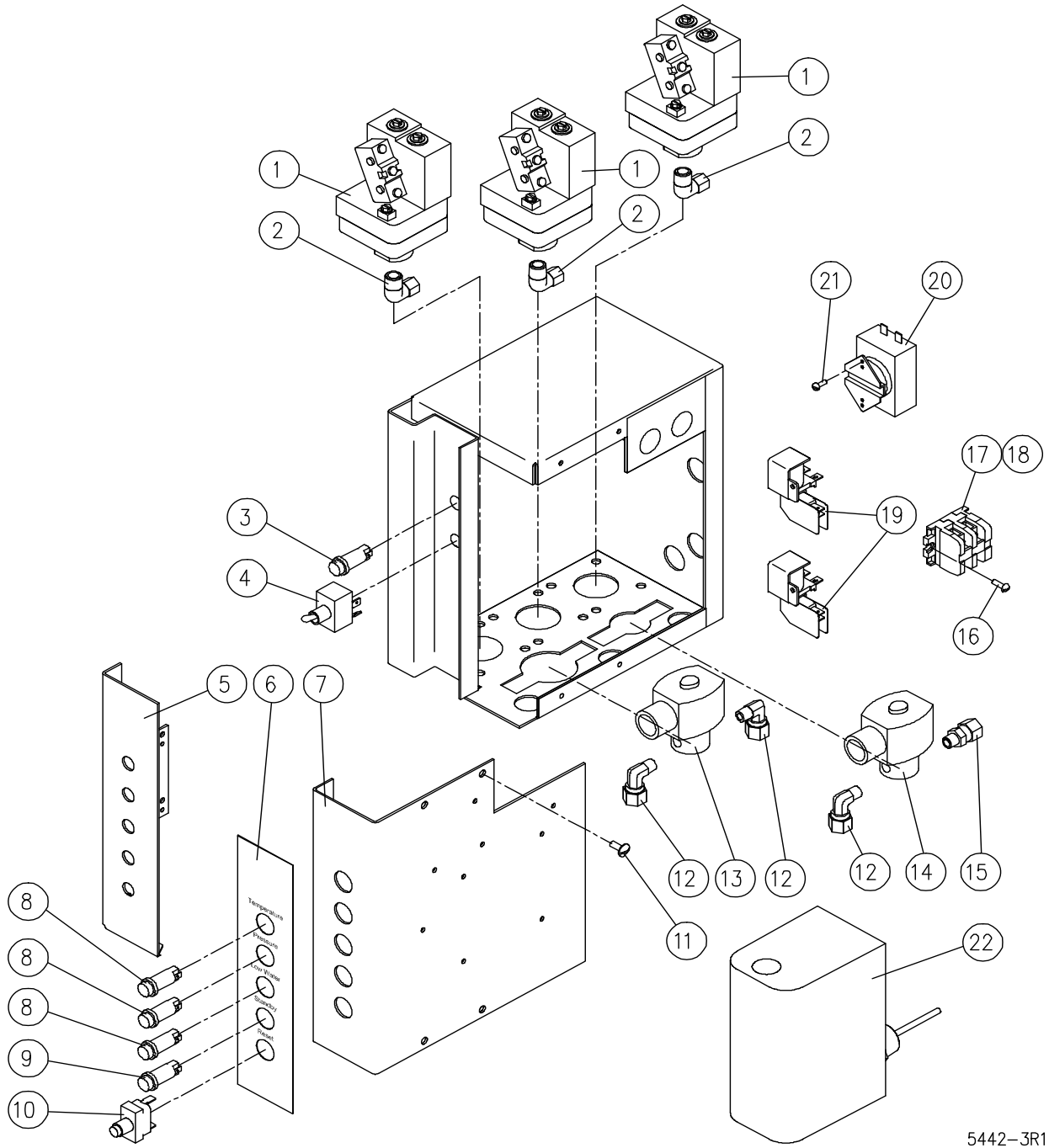
PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

FIGURE 4

<u>ITEM</u>	<u>Part Number</u>	<u>DESCRIPTION</u>	<u>200G</u>	<u>250G</u>	<u>300G</u>
1	40809	Pressure Switch Complete With Transducer	2	2	2
2	40459	Tee, 1/4C	1	1	1
3	40442	Elbow, 1/4C x 1/4 MP	1	1	1
4	40945	Pilot Light - Green, 120V	1	1	1
5	41883	Power Switch	1	1	1
6	42660	Control Box Cover	1	1	
	40638	Control Box Cover			1
7	40071	Cover Screws	4	4	4
8	40443	Elbow, 3/8C x 1/8 MP	3	3	3
9	40594	Water Fill Solenoid	1	1	1
10	40592	Condensate Solenoid	1	1	1
11	40429	Connector, 3/8C x 1/8 MP	1	1	1
12	40068	Terminal Block Screws	4	4	4
13	40708	Terminal Block Section	3	3	3
14	40707	End Section	1	1	1
15	40996	Drain Thermostat	1	1	1
16	40011	Thermostat Screws	2	2	2

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

FIGURE 5
CSD-1 CONTROLS



5442-3R1

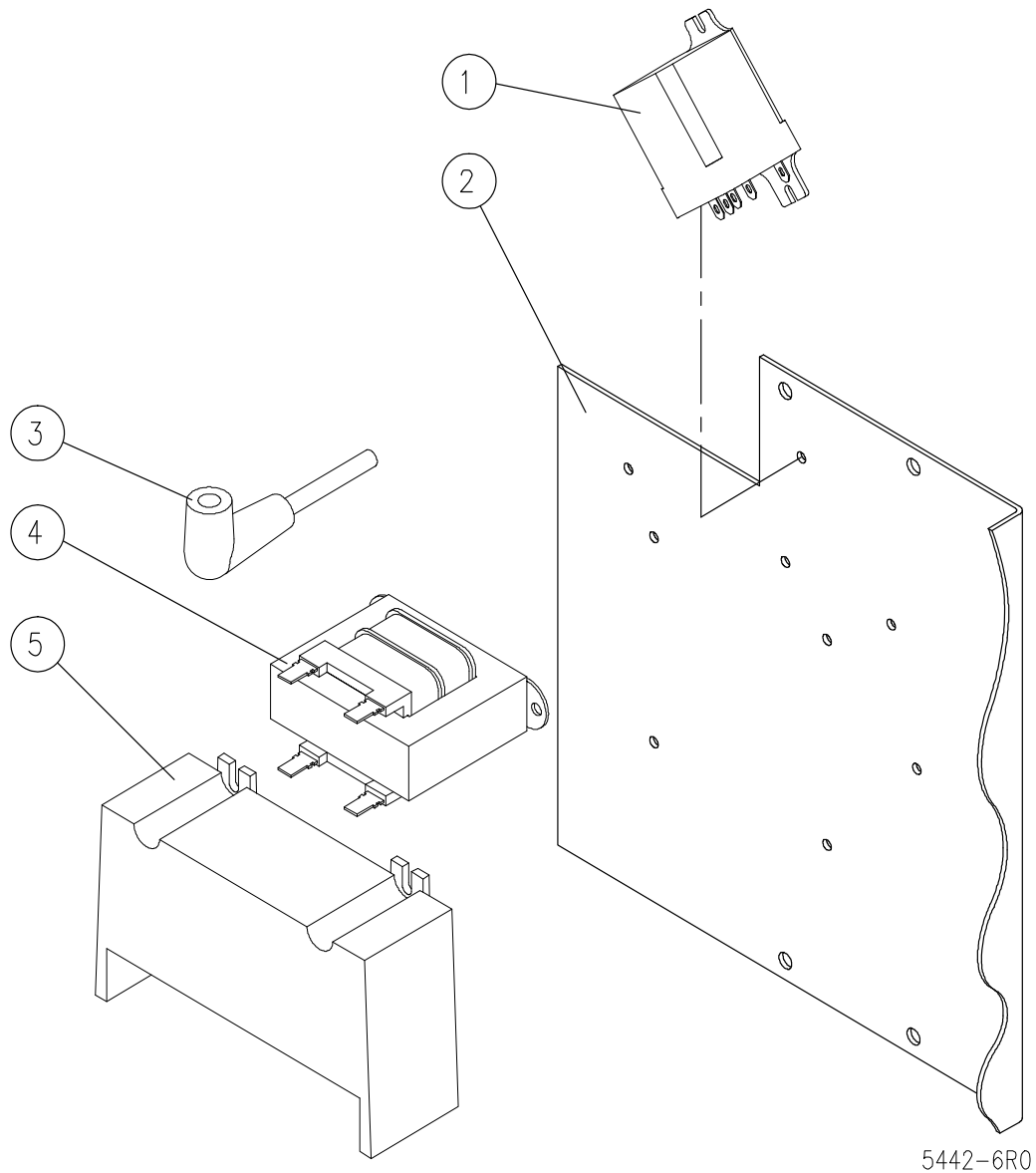
PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

FIGURE 5

<u>ITEM</u>	<u>Part Number</u>	<u>DESCRIPTION</u>	<u>200G</u>	<u>300G</u>	<u>300G</u>
1	40809	Pressure Switch complete with Transducer	3	3	3
2	40442	Elbow, 1/4C x 1/4 MP	3	3	3
3	40945	Pilot Light - Green, 125V	1	1	1
4	41883	Power Switch	1	1	1
5	42859	Inner Panel	1	1	1
6	41216	Decal	1	1	1
7	42727	Control Box Cover	1	1	
	42699	Control Box Cover			1
8	40950	Pilot Light - Red, 125V	3	3	3
9	40948	Pilot Light - Amber, 125V	1	1	1
10	41729	Reset Switch	1	1	1
11	40071	Cover Screw	4	4	4
12	40443	Elbow, 3/8C x 1/8 MP	3	3	3
13	40594	Water Fill Solenoid	1	1	1
14	40592	Cooling Solenoid	1	1	1
15	40429	Connector, 3/8C x 1/8 MP	1	1	1
16	40068	Terminal Block Screw	4	4	4
17	40708	Terminal Block Section	2	2	2
18	40707	End Section	1	1	1
19	42095	Relay - Single Pole, 120V	2	2	2
20	40996	Drain Thermostat	1	1	1
21	40011	Thermostat Screws	2	2	2
22	41010	Low Water Cut Off, Secondary	1	1	1
*	41011	Probe	1	1	1

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

FIGURE 6
ELECTRONIC IGNITION PARTS



PARTS LIST, GAS BOILERS, MODELS
 CB36-200, CB36-250, CB36-300

FIGURE 6

<u>ITEM</u>	<u>Part Number</u>	<u>DESCRIPTION</u>	<u>200G</u>	<u>250G</u>	<u>300G</u>
1	40957	Relay	1	1	1
2	40664	Control Box Cover	1	1	
	40638	Control Box Cover			1
3	42352	Ignitor Cable	1	1	1
4	41885	Transformer, 115/24V, 50/60 Hz, 50 VA	1	1	1
5	42351	Ignition Module	1	1	1

PARTS LIST, GAS BOILERS, MODELS
CB36-200, CB36-250, CB36-300

FIGURE 7

<u>ITEM</u>	<u>Part Number</u>	<u>DESCRIPTION</u>	<u>QUANTIT</u> <u>Y</u>
1	43366	Side Panel	2
2	40347	Left Hand Cabinet Door	1
3	42654	Right Hand Cabinet Door	1
4	41140	Magnet Catch	2
	40006	Catch Screw	8
5	40418	Water Connection	1
**	6	40145 Flue (GC-2, GCX-2, CG320, CG325)	1
	40146	Flue (GC-2L)	1
	40147	Flue (DC-3L)	1
	42621	Flue (GC-3)	1
**	7	42655 Flue Cover (GDA-2)	1
	42656	Flue Cover (GDA-3)	1
	42657	Flue Cover (GDA-4)	1
	42658	Flue Cover (GC-2L)	1
	42659	Flue Cover (GC-3L)	1
	42664	Flue Cover (GCX-2)	1
	43102	Flue Cover (GCX-10)	1
	40538	Flue Cover (GCX-16)	1
	40721	Flue Cover (GCX-10-6/10)	1
	40722	Flue Cover	1