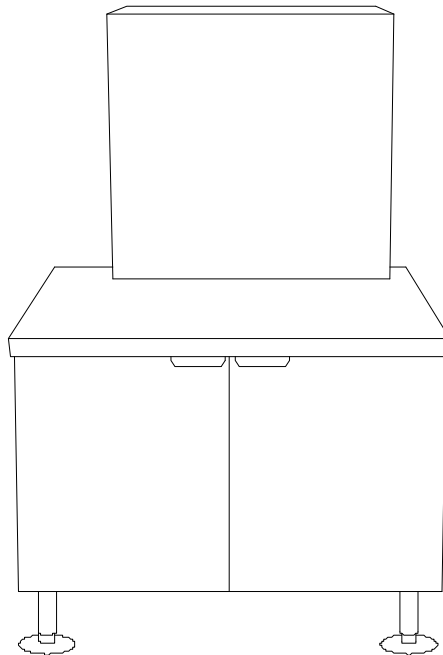




PARTS LIST
BLODGETT GAS BOILERS

MODELS: CB24-140G
CB24-200G



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

FIGURE 1

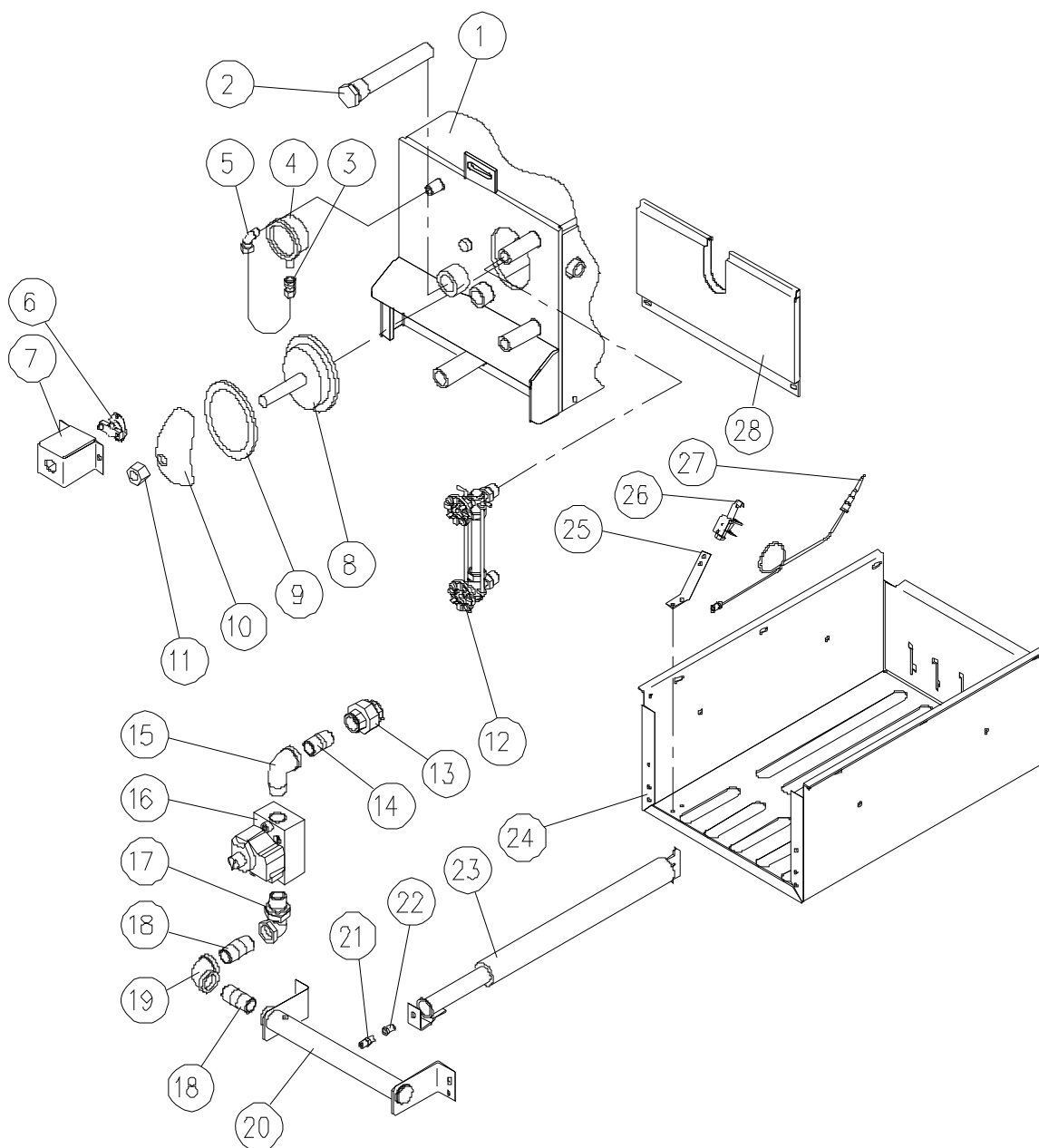
GAS BOILER SHELLS 24" WIDE

(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 CB24-140G, CB24-200G

FIGURE 2



5442-1AR0

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

FIGURE 2

<u>ITEM</u>	<u>Part #</u>	<u>DESCRIPTION</u>	<u>140</u>	<u>200</u>
	1	42096 Top Insulation Panel	1	1
**	2	42371 Cathodic Descaler (Screw Type)	1	1
*		41727 Cathodic Descaler	1	1
	3	40416 Connector 3/8C x 1/4 MP	1	1
	4	40576 Pressure Gauge	1	1
	5	40444 Elbow 3/8C x 1/4 MP	1	1
	6	40877 Safety Sensor	1	1
	7	41477 Sensor Box	1	1
	8	41504 Cover Plate	1	1
	9	41505 Hand Hole Gasket	1	1
	10	41506 Yoke	1	1
	11	40208 Nut	1	1
	12	43045 Water Gauge Assembly	1	1
	*	41879 Gauge Glass 5-1/2"	1	1
	*	41741 Rod	2	2
	*	41743 Rubber Washer	2	2
	*	41744 Brass Washer	2	2
	13	42942 Union 3/4"	1	1
	14	42925 Nipple 3/4" x 1.75"	1	1
	15	41791 St. Elbow 3/4"	1	1
**	16	41156 Combination Gas Control, Natural	1	
		41157 Combination Gas Control, LP	1	
		41158 Combination Gas Control, Natural		1
		41159 Combination Gas Control, LP		1
**	16	41103 Combination Gas Control, Natural, Electronic Ignition	1	
		41104 Combination Gas Control, LP, Electronic Ignition	1	
		41105 Combination Gas Control, Nat, Electronic Ignition		1
		41106 Combination Gas Control, LP, Electronic Ignition		1

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

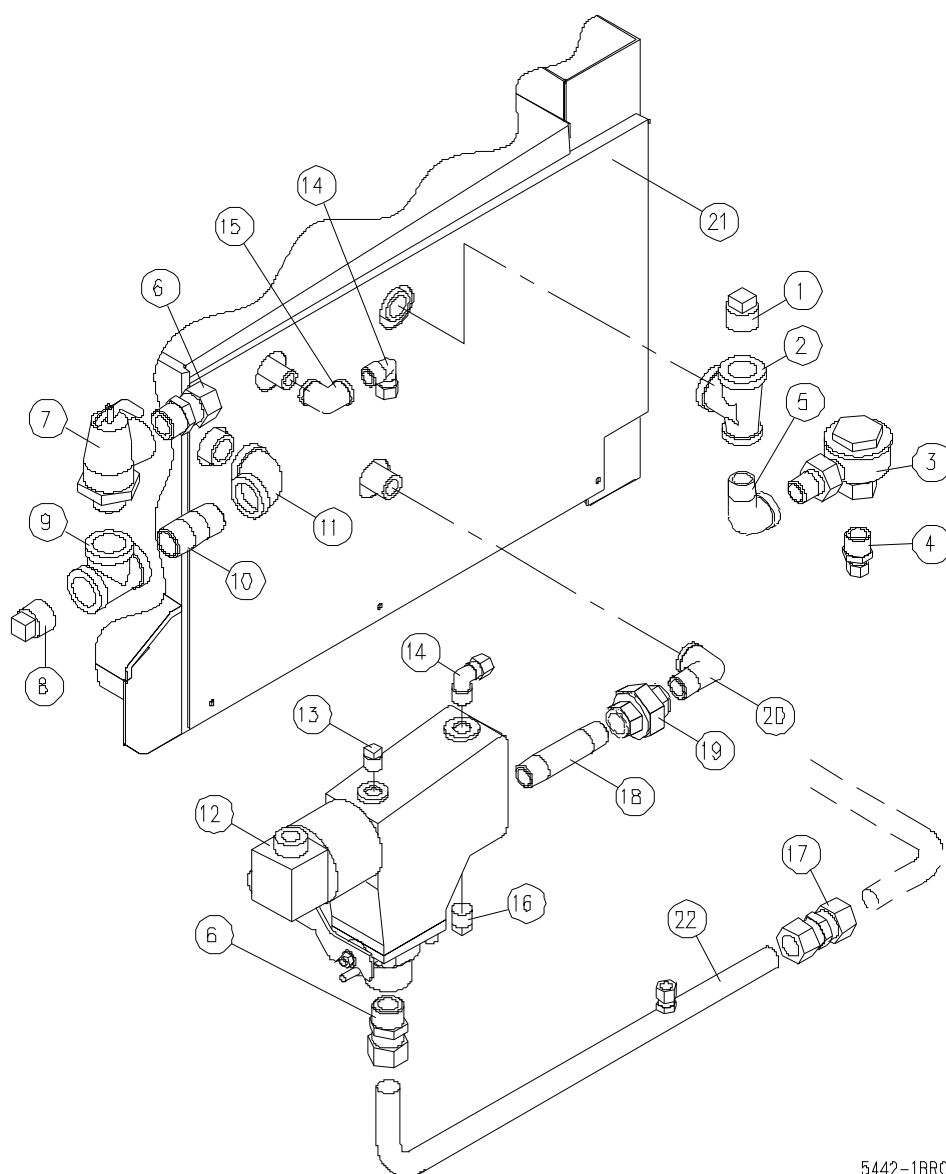
<u>ITEM</u>	<u>Part #</u>	<u>DESCRIPTION</u>	<u>140</u>	<u>200</u>
	17	40617 Union Elbow 3/4"	1	1
	18	42925 Nipple 3/4 x 2.125"	2	2
	19	41789 Elbow 3/4"	1	1
	20	41502 Manifold Assembly	1	
		40250 Manifold Assembly		1
	21	43261 Orifice Nipple	5	5
**	22	42297 Orifice #37, Natural	5	
		42304 Orifice #52, LP	5	
		42296 Orifice #31, Natural		5
		42302 Orifice #49, LP		5
**	23	40238 Burner		5
*		41481 Burner complete with Pilot Burner Bracket	1	
*		41482 Burner Assembly, Electronic Ignition	1	
*		41480 Burner	4	
	24	42022 Burner Box	1	
		42865 Burner Box		1
	25	40639 Pilot Burner Bracket		1
**	26	41160 Pilot Burner, Natural	1	1
		41161 Pilot Burner, LP	1	1
**	26	42349 Pilot complete with Ignitor Natural, Electronic Ignition	1	1
		42350 Pilot complete with Ignitor LP, Electronic Ignition	1	1
	27	41163 Thermocouple	1	1
	28	42099 Front Insulation Panel	1	1

* NOT SHOWN.

** SELECT AS REQUIRED.

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

FIGURE 3



5442-1BR0

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

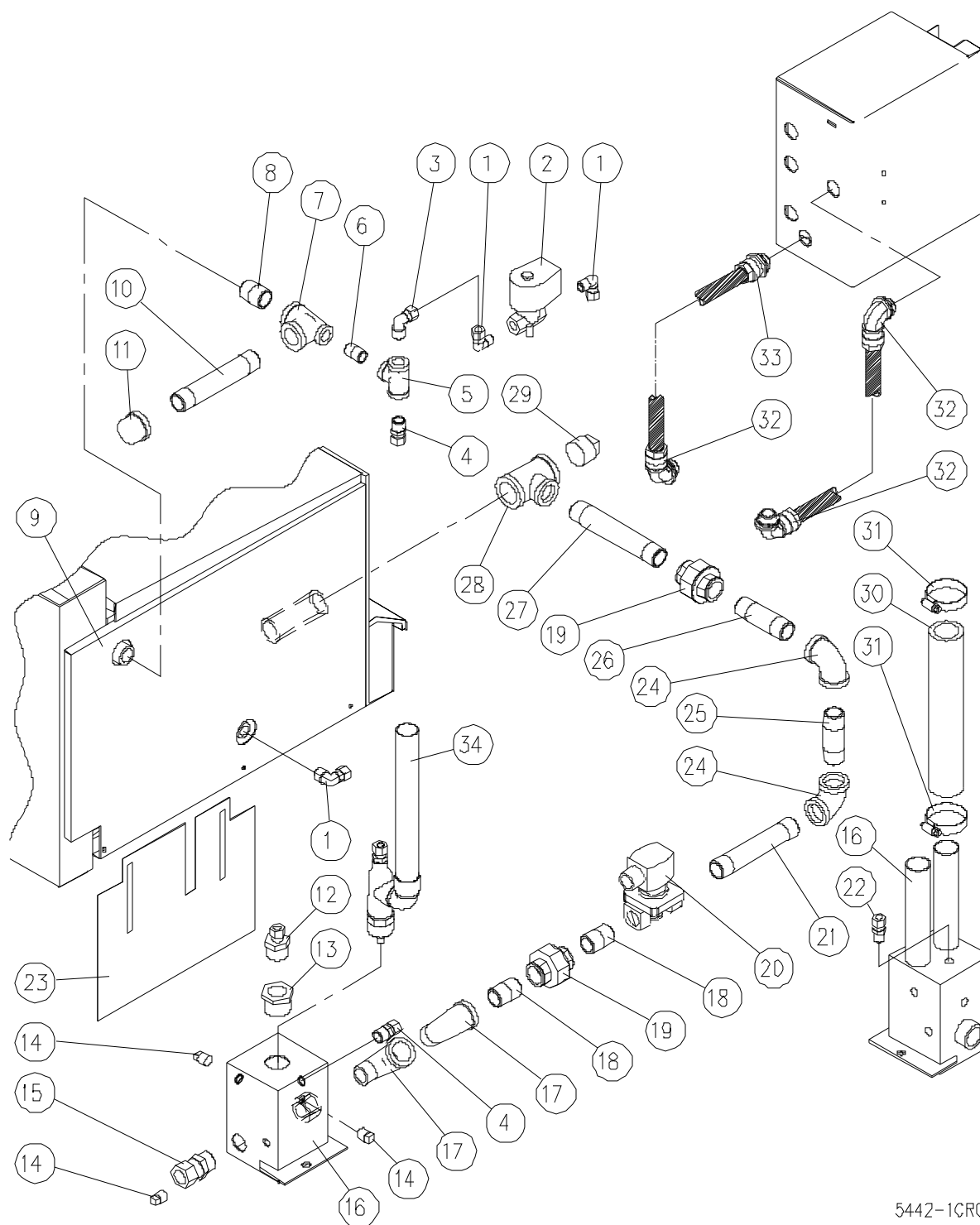
FIGURE 3

<u>ITEM</u>	<u>Part #</u>	<u>DESCRIPTION</u>	<u>140</u>	<u>200</u>
1	43364	Square Plug 3/4"	1	1
2	43363	Tee 3/4 x 1/2 x 3/4	1	1
3	40615	Steam Trap 1/2"	1	1
4	40418	Connector 3/8C x 1/2 FPT	1	1
5	41790	St. Elbow 1/2"	1	1
6	40422	Connector 3/4C x 3/4 MPT	2	2
7	40611	Relief Valve 15 PSI	1	1
8	43364	Square Plug 3/4"	1	1
9	41792	Tee 3/4"	1	1
10	43380	Nipple 3/4 x 2-1/4"	1	1
11	41789	Elbow 3/4"	1	1
12	41009	Low Water Cut Off Control	1	1
*	41748	Float	1	1
*	41747	Switch	1	1
*	41745	Round Gasket	1	1
*	41746	Square Gasket	1	1
*	41749	Blowdown Valve	1	1
13	40297	Square Plug-Brass 1/4"	1	1
14	40445	Elbow 3/8C x 3/8 MPT	2	2
15	40290	Elbow 3/8"	1	1
16	42951	Square Plug 3/8"	1	1
17	43381	Union Coupling 3/4C	1	1
18	42967	Nipple 1/2 x 3-1/2" Brass	1	1
19	41797	Union 150# 1/2"	1	1
20	41790	Street Elbow 1/2"	1	1
21	42098	Right Hand Side Panel	1	1
22	41065	Drain Tube Assembly, Level Control	1	1

* NOT SHOWN.

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

FIGURE 4



5442-1GRO

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

FIGURE 4

<u>ITEM</u>	<u>Part #</u>	<u>DESCRIPTION</u>	<u>140</u>	<u>200</u>
	1	40444 Elbow 3/8C x 1/4 MPT	2	2
	2	40595 Over Ride Solenoid	1	1
	3	40445 Elbow 3/8C x 3/8 MPT	1	1
	4	40431 Connector 3/8C x 3/8 MPT	2	2
	5	42939 Tee 3/8"	1	1
	6	42970 Close Nipple 3/8"	1	1
	7	42941 Reducer Tee 3/4 x 3/8 x 3/4	1	1
	8	42962 Close Nipple 3/4 Brass	1	1
	9	42097 Left Hand Side Panel	1	1
	10	42968 Nipple 3/4 x 5-1/2 Brass	1	1
	11	42954 Pipe Cap 3/4"	1	1
	12	43382 Connector 3/8C x 3/4 MPT	1	1
	13	42949 Reducer Bushing 1 x 3/4	1	1
	14	41814 Square Plug 1/4"	2	2
	15	40422 Connector 3/4C x 3/4 MPT	1	1
**	16	41199 Appliance Drain (Pressure-less)	1	1
		41200 Appliance Drain (Pressure)	1	1
	17	41791 St. Elbow 3/4"	2	2
	18	42924 Nipple 3/4 x 1-1/2"	2	2
	19	41797 Union 150 # 1/2"	1	1
**	20	40551 Ball Valve (Manual Blowdown)	1	1
		40604 Blowdown Valve	1	1
	21	42932 Nipple 3/4 x 5-3/8"	1	1
	22	40430 Connector 3/8C x 1/4 MPT	1	1
	23	42683 Baffle Plate	1	1
	24	41789 Elbow 3/4"	2	2

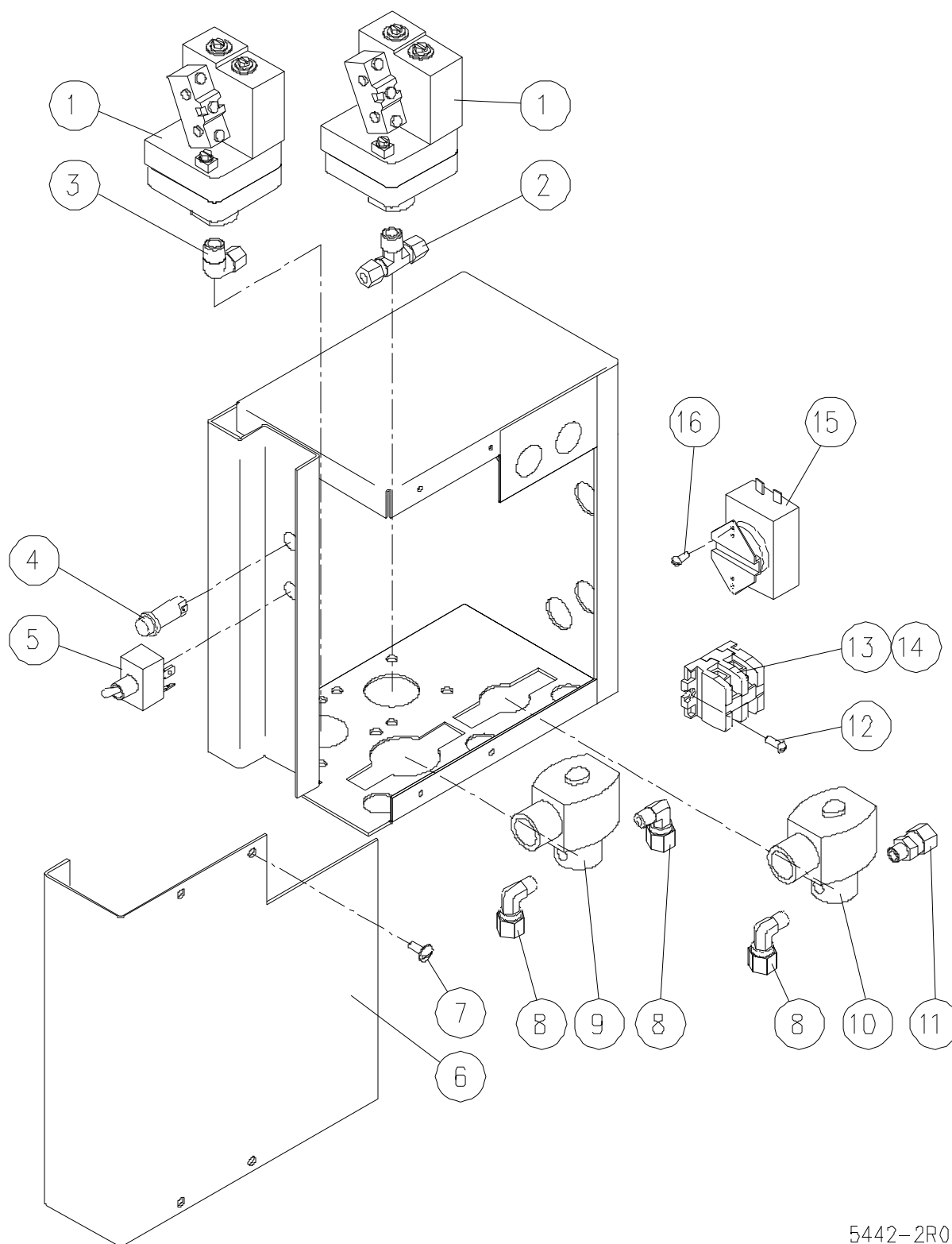
PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

<u>ITEM</u>		<u>Part #</u>	<u>DESCRIPTION</u>	<u>140</u>	<u>200</u>
	25	42926	Nipple, 3/4 x 2-7/8"	1	1
	26	42927	Nipple, 3/4 x 3-1/4"	1	1
	27	42933	Nipple, 3/4 x 5-7/8"	1	1
	28	42937	Tee 1 x 1 x 3/4	1	1
	29	42952	Square Plug 1"	1	1
	30	42216	Drain Hose	2	2
	31	41800	Gear Clamp	4	4
	32	42944	Liquid Tite Elbow 3/8	3	3
	33	42945	Liquid Tite Connector	1	1
**	34	43383	Exhaust Drain (Pressure)	1	1

** SELECT AS REQUIRED.

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

FIGURE 5



5442-2R0

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

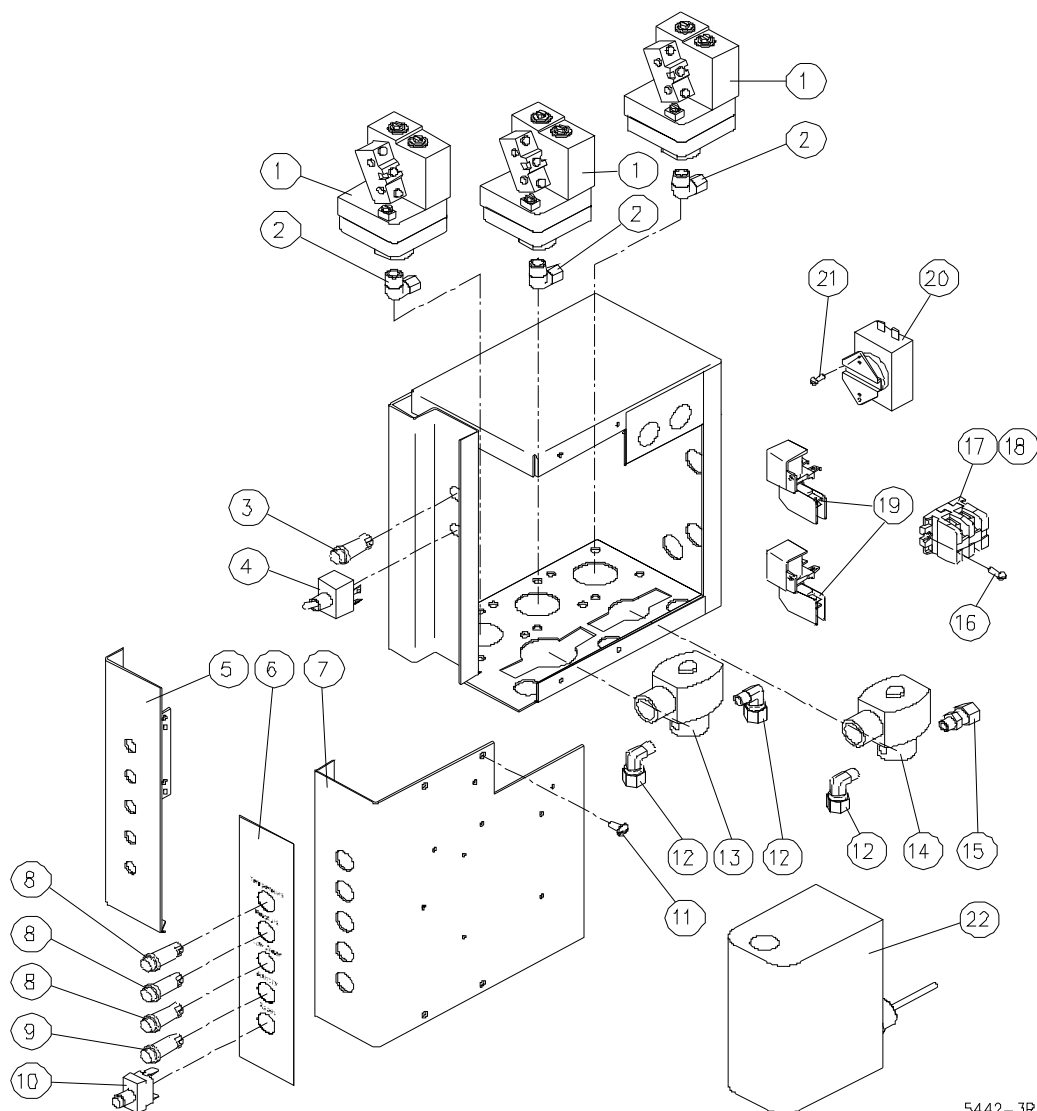
FIGURE 5

<u>ITEM</u>	<u>Part #</u>	<u>DESCRIPTION</u>	<u>140</u>	<u>200</u>
1	40809	Pressure Switch complete with Transducer	2	2
2	40459	Tee, 1/4C	1	1
3	40442	Elbow, 1/4C x 1/4 MP	1	1
4	40945	Pilot Light - Green, 125V	1	1
5	41883	Power Switch	1	1
6	41455	Control Box Cover	1	1
7	40071	Cover Screws	4	4
8	40443	Elbow, 3/8C x 1/8 MP	3	3
9	40592	Water Fill Solenoid	1	1
10	40590	Cooling Solenoid	1	1
11	40429	Connector 3/8C x 1/8 MP	1	1
12	40068	Terminal Block Screws	4	4
13	40708	Terminal Block Section	2	2
14	40707	End Section	1	1
15	40996	Drain Thermostat	1	1
16	40011	Thermostat Screws	2	2

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

FIGURE 6

CSD-1 CONTROLS



5442-3R1

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

FIGURE 6

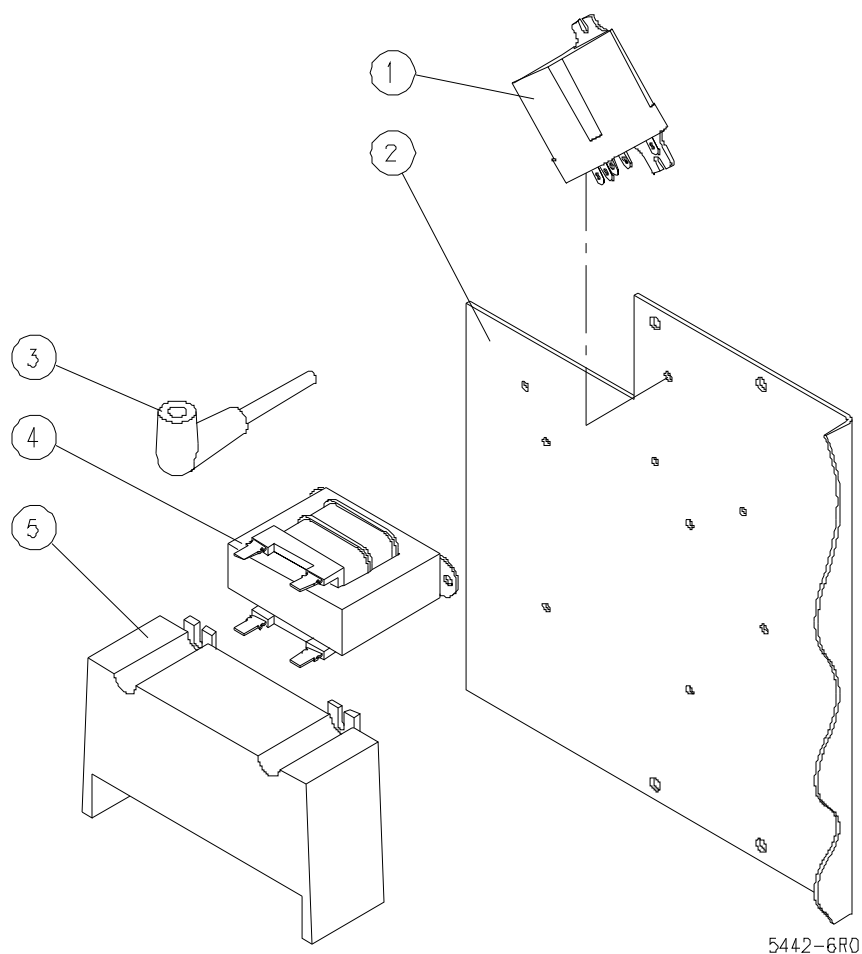
CSD1 CONTROLS

<u>ITEM</u>	<u>Part #</u>	<u>DESCRIPTION</u>	<u>140</u>	<u>200</u>
1	40809	Pressure Switch complete with Transducer	3	3
2	40442	Elbow, 1/4C x 1/4 MP	3	3
3	40945	Pilot Light, Green, 125V	1	1
4	41883	Power Switch	1	1
5	42859	Inner Panel	1	1
6	41216	Decal	1	1
7	42727	Control Box Cover	1	1
8	40950	Pilot Light - Red, 125V	3	3
9	40948	Pilot Light - Amber, 125V	1	1
10	41729	Reset Switch	1	1
11	40071	Cover Screws	4	4
12	40443	Elbow, 3/8C x 1/8 MP	3	3
13	40592	Waterfill Solenoid	1	1
14	40590	Cooling Solenoid	1	1
15	40429	Connector, 3/8C x 1/8 MP	1	1
16	40068	Terminal Block Screws	4	4
17	40708	Terminal Block Section	2	2
18	40707	End Section	1	1
19	42095	Relay - Single Pole, 120V	2	2
20	40996	Drain Thermostat	1	1
21	40011	Thermostat Screws	2	2
22	41010	Low Water Cut Off Secondary	1	1
*	41011	Probe	1	1

* NOT SHOWN.

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

FIGURE 7

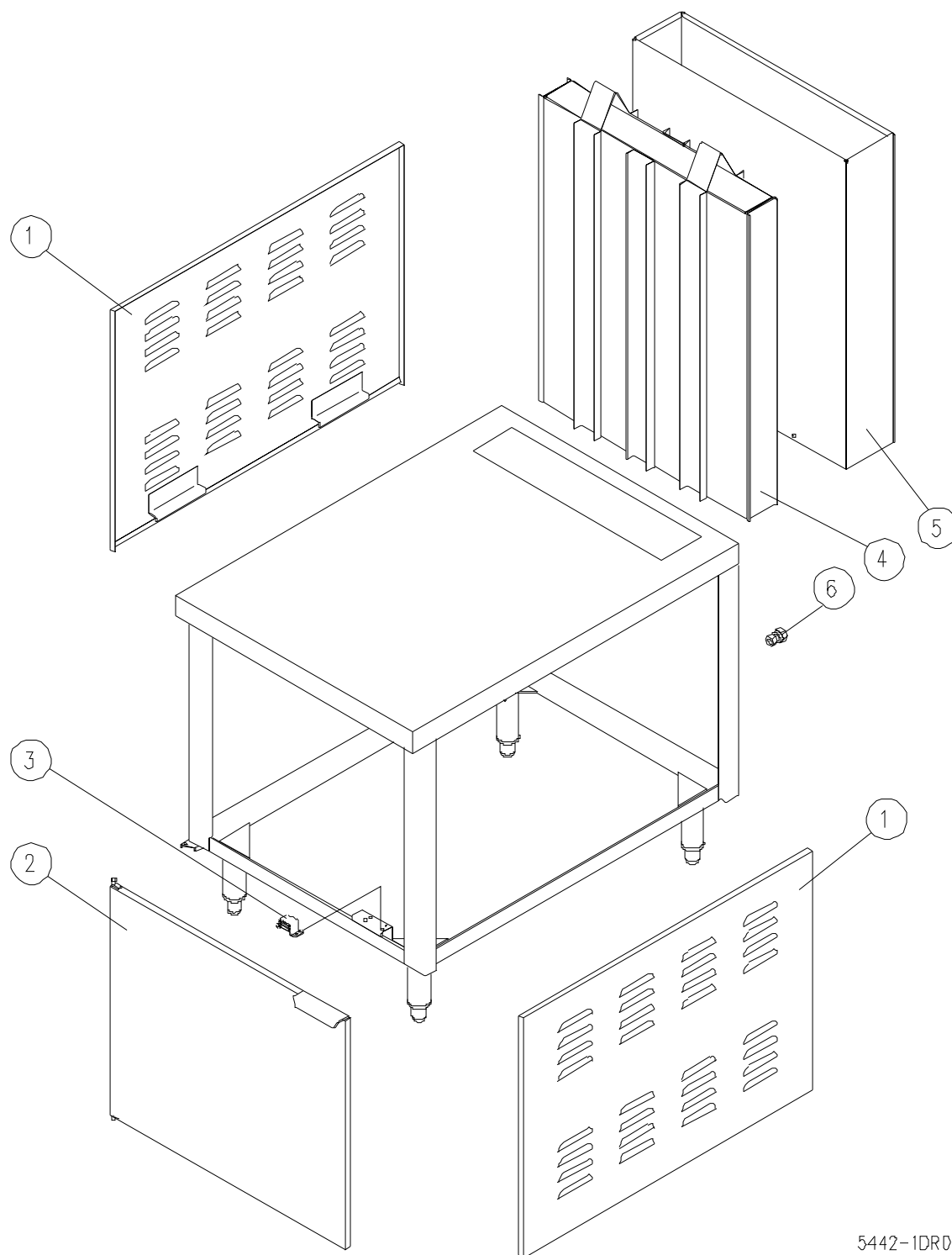


<u>ITEM</u>	<u>Part #</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
1	40957	Relay	1
2	40664	Control Box Cover	1
3	42352	Ignition Cable	1
4	41885	Transformer, 115/230-24V, 50/60 Hz, 50VA	1
5	42351	Ignition Module	1

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

FIGURE 8

CABINET



5442-1DRD

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

FIGURE 8

24" CABINET

<u>ITEM</u>	<u>Part #</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
1	43366	Side Panel	2
2	42663	Cabinet Door	1
3	41140	Magnet Catch	2
	40006	Catch Screw	4
** 4	40152	Flue (140,000 BTU)	1
	40153	Flue (GCX-2)	1
	40154	Flue (GCX-10)	1
	42626	Flue (200,000 BTU)	1
** 5	42664	Flue Cover (GCX-2-140, CG140, CG200)	1
	43102	Flue Cover (GCX-10)	1
6	40418	Water Connection	1

** SELECT AS REQUIRED.

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

CABINET 28" HEIGHT

<u>Part #</u>	<u>DESCRIPTION</u>	<u>CABINET WIDTH</u>		
		<u>24"</u>	<u>36"</u>	<u>48"</u>
43366	Side Panel	2	2	2
41466	Right Hand Door (3204-1)		1	
41468	Left Hand Door (3209-1)		1	
42663	Door	1		
42324	Right Hand Door			1
42331	Left Hand Door			1
41140	Magnetic Catch	1	2	2
40006	Catch Screws	4	8	8

PARTS LIST, GAS BOILERS, MODELS CB24-140G, CB24-200G

CABINET 32" HEIGHT

<u>Part #</u>	<u>DESCRIPTION</u>	<u>CABINET WIDTH</u>					
		<u>24"</u>	<u>36"</u>	<u>42"</u>	<u>44"</u>	<u>48"</u>	<u>60"</u>
43366	Side Panel	2	2	2	2	2	2
43384	Door	1					
41467	Right Hand Door		1				
41469	Left Hand Door		1				
42329	Right Hand Door			1			
42335	Left Hand Door			1			
42323	Right Hand Door				1		
42330	Left Hand Door				1		
42328	Right Hand Door					1	
42334	Left Hand Door					1	
42326	Right Hand Door						1
42333	Left Hand Door						1
42327	Centre Door						1
41140	Magnetic Catch	1	2	2	2	2	3
40006	Catch Screws	4	8	8	8	8	12