



MODEL NUMBERS 3840-R&C — 3860-R&C

GENERAL OPERATING INSTRUCTIONS

To set up stove first insert radiants (12) by placing lower end of radiant against back of combustion chamber, lifting upward to engage top of radiant with grooved cast iron top radiant holder. Push up to limit, pull bottom of radiant toward front and drop front into groove of bottom radiant holder. Insert glass (13) piece by piece, placing top end into top glass holder. Push upward to limit and backward at bottom to drop into lower glass holder.

1st. Lighting — For units equipped with groups C & D Manual operation. Connect heater to gas line. Loosen air mixer set screw (15B) and open air mixer about half way. Light burner and burn until air or foreign matter has been cleared from gas line. Turn off gas, allow burner to cool and then relight; adjusting air mixer until sharp blue flame is obtained.

For units equipped with Groups A or B or other automatic controls.

A controls manufacturer's instruction sheet for this type operation is enclosed in the package of clay radiants. To operate with these controls follow manufacturer's instructions, using same general operating procedure as outlined for groups C & D.

CAUTION: This appliance is vented and **MUST BE** connected to a flue outlet. Keep heater at least six inches away from walls or furniture. Do not place heater near or under curtains or other highly inflammable objects.

ALWAYS: use stove board under heater if same is placed on rug or carpet.

FOR MODELS WITHOUT RADIANTS AND GLASS

Foregoing general instructions apply in all particulars except radiants and glass.

MODEL NUMBER 348.3840—R

Diag. No.	Part No.	Name of Part	Shipping Weight	
			Lbs.	Ozs.
1	2776	Top Grid	6	
2	2770	Main Front	19	
3	2772	Left End	15	
4	2775	Heat Exchanger	19	
5	2773	Right End	15	
6	2796	Lighter Access Door	1	
7	2795	Unitrol Panel Plate	2	
8	2777	Floor Shield	8	
9	2801	Flue Collar	2	
10	2779	Air Back	8	
11	2783	Burner	18	
12	2799	Radiant R-395	4	
13	2798	Glass	2	
14	2780	Access Door Catch No. 10 Roller ..		3
15-A	2784	Air Mixer Cap C-28		3
15-B	2862	Air Mixer Set Screw		3
16	2785	Foot	3	3
17	2804	Manifold Bracket	1	
18	2828	Pilot No. 11-L		6
19	2829	Ferrule		3
20	2830	Connector Nut		3
21	2803	Pilot Bracket		3
22	2788	Outside Front Frame	5	
Parts Not Illustrated				
	2771	Main Back	19	
	2774	Inside Radiant Box Can	25	
	2778	Heat Box Back Baffle	4	
	2781	Top Radiant Holder-sec.	2	
	2782	Top Radiant Holder Complete ..	4	6
	2786	Inside Heat Unit Hanger—one ..	2	
	2787	Outside Heat Unit Hanger—one ..	2	
	2789	Bottom Reflector Plate	3	
	2790	Top Glass Holder	2	
	2791	Bottom Glass Holder	1	
	2792	Right Side Reflector Plate	3	
	2793	Left Side Reflector Plate	3	
	2794	Rt. or Lt. Side Glass Holder	2	
	2797	Manual Panel Plate	2	
	2800	Connector Collar Between Units ..	1	
	2802	Lighter Hole Cover		4
	2812	Band Strap, Bottom Spacer		6
	2805	Pipe Spacers Between Boxes, ea.		3

MODEL NUMBER 348.3840—C

Diag. No.	Part No.	Name of Part	Shipping Weight	
			Lbs.	Ozs.
1	2776	Top Grid	6	
2	2806	Main Front	22	
3	2808	Left End	10	
4	2773	Heat Exchanger	19	
5	2809	Right End	10	
6	2796	Lighter Access Door	1	
7	2795	Unitrol Panel Plate	2	
8	2811	Floor Shield	7	
9	2801	Flue Collar	2	
10	2779	Air Back	8	
11	2783	Burner	18	
14	2780	Access Door Catch		3
15-A	2784	Air Mixer Cap		3
16	2785	Foot, any	3	
21	2803	Pilot Bracket		3
Parts Not Illustrated				
	2807	Main Back	22	
	2810	Combustion Chamber	37	
	2812	Band Straps—bottom spacer (2) ..		6
	2778	Heat Box Back Baffle	4	
	2786	Inside Heat Unit Hanger	2	
	2787	Outside Heat Unit Hanger	2	
	2797	Manual Panel Plate	2	
	2800	Connector Collar	1	
	2802	Lighter Hole Cover		4

MODEL NUMBER 348.3860—R

Diag. No.	Part No.	Name of Part	Shipping Weight	
			Lbs.	Ozs.
1	2817	Top Grid	9	
2	2813	Main Front	22	
3	2772	Left End	15	
4	2816	Heat Exchanger	20	
5	2773	Right End	15	
6	2796	Lighter Access Door	1	
7	2795	Unitrol Panel Plate	2	
8	2818	Floor Shield	9	
9	2801	Flue Collar	2	
10	2820	Air Back	7	
11	2821	Burner	22	
12	2799	Radiant-1	4	
13	2798	Glass-1 piece	2	
14	2780	Access Door Catch		3
15-A	2784	Air Mixer Cap		3
15-B	2862	Air Mixer Set Screw		3
16	2785	Foot-any	3	
17	2804	Manifold Bracket	1	
18	2828	Pilot		3
19	2829	Ferrule		3
20	2830	Connector Nut		3
21	2803	Pilot Bracket		3
Parts Not Illustrated				
	2814	Main Back	22	
	2815	Inside Radiant Box Can	30	
	2819	Heat Box Back Baffle	4	
	2781	Top Radiant Holder-1 sec.	2	
	2855	Inside Heat Unit Hangers	2	
	2787	Outside Heat Unit Hangers	2	
	2822	Outside Front Frame	10	
	2823	Bottom Reflector Plate	3	
	2824	Top Glass Holder	2	
	2825	Bottom Glass Holder	2	
	2826	Right Side Reflector Plate	2	
	2827	Left Side Reflector Plate	2	
	2794	Rt. or Lt. Side Glass Holder	1	
	2797	Manual Panel Plate	2	
	2800	Connector Collar Between Units	1	
	2802	Lighter Hole Cover		4
	2805	Pipe Spacer Between Boxes		3

MODEL NUMBER 348.3860—C

Diag. No.	Part No.	Name of Part	Shipping Weight	
			Lbs.	Ozs.
1	2817	Top Grid	9	
2	2831	Main Front	28	
3	2833	Left End	6	
4	2816	Heat Exchanger	20	
5	2834	Right End	5	
6	2796	Lighter Access Door	1	
8	2836	Floor Shield	9	
9	2801	Flue Collar	2	
10	2820	Air Back	7	
11	2821	Burner	22	
14	2780	Access Door Catch		3
15-A	2784	Air Mixer Cap		3
16	2785	Foot, any	3	
18	2828	Pilot No. 11-L		6
19	2829	Ferrule		3
20	2830	Connector Nut		3
21	2803	Pilot Bracket		3
Parts Not Illustrated				
	2832	Main Back	22	
	2835	Combustion Chamber	43	
	2812	Band Straps-bottom spacer (2)		6
	2819	Heat Box Back Baffle	4	
	2855	Inside Heat Unit Hanger	2	
	2787	Outside Heat Unit Hanger	2	
	2795	Unitrol Panel Plate	2	
	2797	Manual Panel Plate	2	

COMMON TO MODELS 3840 C & R and 3860 C & R

Diag. No.	Part No.	Name of Part	Shipping Weight	
			Lbs.	Ozs.
		GROUP A—Unitrol Assembly		
Group A	2837	1/2" x 1/2" Street Ell		6
"	A 2838	Unitrol	3	
"	A 2839	Thermocouple Brackets (2)		6
"	A 2840	3/8" Pipe Nipple—4 1/4" long		6
"	A 2841	Coupling Nut	1	
"	A 2841	Bushing		
"	A 2862	Elbow—Orifice Fitting		6
"	A 2863	Burner Orifice—Nat.		6
"	2863	Burner Orifice—L. P.		6
"	2864	Burner Orifice—Mfg.		6
"	A 2844	Thermocouple—18"	1	
"	A 2845	1/4" O.D.x12" Pilot Copper Tubing		6
		GROUP B* — 100% Safety Shut Off Valve and Pilot Assembly		
Group B	B 2846	"B" TS-11 Safety Valve	1	
"	B 2847	"F" TS-7 Safety Valve	1	
"	B 2848	3/8" Pipe Nipple 5 1/4" long (2)	1	
"	B 2849	Valve No. 7859 Cut Off	1	8
"	B 2850	Cut Off Valve Turnkey	1	
"	B 2851	Thermocouple 24"	1	
"	B 2852	1/4" x 18" Pilot Copper Tubing with "B" valve attached in option "F"	1	
"	B 2863	B valve "B" and "F" are optional with Group "B"		8
		GROUP C — Manual Assembly constant burning assembly		
Group C	C 2848	3/8" Pipe Nipple 5 1/4" long	1	
"	C 2849	Valve 7859 Cut Off	1	
"	C 2850	Cut Off Valve Turnkey		8
"	2853	1/4" x 12" Pilot Copper Tubing with B valve attached	1	
		GROUP D — Manually operated Assembly		
		Same as Assembly "C" without copper tubing and "B" valve		
		Nos. 2841—2842—2843 are common to Groups A—B—C—and—D		
		* Safety Pilot Common to Groups A—B—C—and—D for 3840—R&C and 3860—R&C		

These units are built for use of Standard Gas Pressure of 7.0 inches water column for natural gas;—11.0 inches W/C for L. P. Gas (any bottled gas) and 6.0 inches W/C for manufactured (some cities) gas. All burner orifices are drilled at factory with holes the correct size for proper combustion.

IMPORTANT

MANUFACTURER IS NOT RESPONSIBLE FOR STOVE DAMAGE BROUGHT ABOUT BY OPERATION AT EXCESSIVE GAS PRESSURE OR BY USE OF ENLARGED ORIFICES.

WHEN ORDERING REPAIR PARTS, REFER TO DIAGRAM AND CHARTS HEREWITH AND SPECIFY:

1. Part number and description.
2. Model number which will be found on plate on back of heater
3. Type of gas used.

NOTICE: There will be a MINIMUM charge of 50c on all orders totaling less than 50c. Add postage and 2% sales tax to selling price, on every order.

ALL PRICES subject to change without notice.

THIS list is valuable. It will assure your being able to obtain parts service at all times. We suggest you keep it with other valuable papers.