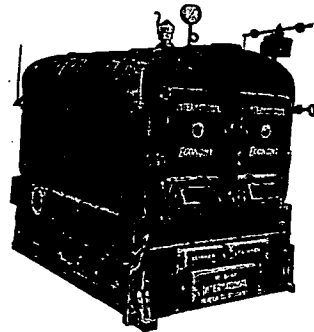
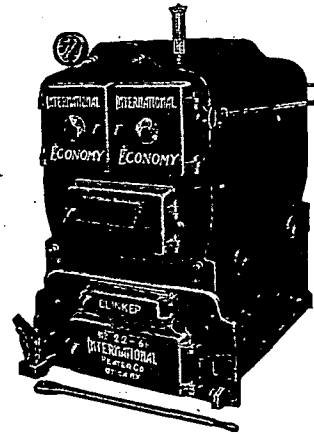


INTERNATIONAL HEATER COMPANY



No. 8-47 Steam Pattern



No. 22-6 Water Pattern

ECONOMY SECTIONAL BOILERS

Steam Pattern

No.	Rating Sq. Ft.	Size of Grate Inches	Additional Area of Side Grate Fingers Sq. In.	Size of Smoke Flue Inches	Supply Tap- pings	Return Tap- pings
4-19	750	19x24	308	9	2-3"	2-3"
5-19	1000	19x32	360	9	2-3"	2-3"
6-19	1250	19x40	412	9	2-3"	2-3"
4-22	850	22x24	328	10	2-3 1/2"	2-3 1/2"
5-22	1100	22x32	380	10	2-3 1/2"	2-3 1/2"
6-22	1350	22x40	432	10	2-3 1/2"	2-3 1/2"
7-22	1600	22x48	484	10	2-3 1/2"	2-3 1/2"
5-28	1400	28x32	432	12	2-4"	2-4"
6-28	1750	28x40	484	12	2-4"	2-4"
7-28	2100	28x48	536	12	2-4"	2-4"
8-28	2450	28x56	588	12	2-4"	2-4"
5-34	2000	34x32	476	16	2-5"	2-5"
6-34	2500	34x40	528	16	2-5"	2-5"
7-34	3000	34x48	580	16	2-5"	2-5"
8-34	3500	34x56	632	16	2-5"	2-5"
9-34	4000	34x64	684	16	2-5"	2-5"
10-34	4500	34x72	736	16	2-5"	2-5"
6-47	5300	47x50	677	20	2-6"	2-6"
7-47	6300	47x60	742	20	2-6"	2-6"
8-47	7300	47x70	807	20	2-6"	2-6"
9-47	8300	47x80	872	20	2-6"	2-6"
10-47	9300	47x90	937	20	2-6"	2-6"

SERIES	19"	22"	28"	34"	47"
Height of Water Line.....	44"	47"	50"	54"	59"
Height to Supply Outlets.....	53"	57"	62 1/2"	68"	73"
Add to height for Trimmings.....	9"	11"	11"	11"	12"
Width of Ashpit.....	27"	29 1/2"	35"	40 1/4"	53"
Width of Boiler, including Trimmings.....	35"	40"	45"	52"	61"
Height from Floor to Center of Return Tappings.....	18"	19"	19 1/2"	20"	21 1/2"
Height of Fire Box to Crown.....	22"	22"	24"	26"	26"
Height, Grate to Middle of Feed Door.....	16"	16"	18"	18"	18"
Size of Feed Door.....	9x14"	9x17"	9x17"	11x21"	2-10x17"

Water Pattern

No.	Rating Sq. Ft.	Size of Grate Inches	Additional Area of Side Grate Fingers Sq. In.	Size of Smoke Flue Inches	Supply Tap- pings	Return Tap- pings
19-4	1250	19x24	308	9	1-3"	2-3"
19-5	1650	19x32	360	9	2-3"	2-3"
19-6	2050	19x40	412	9	2-3"	2-3"
22-4	1400	22x24	328	10	2-3 1/2"	2-3 1/2"
22-5	1800	22x32	380	10	2-3 1/2"	2-3 1/2"
22-6	2200	22x40	432	10	2-3 1/2"	2-3 1/2"
22-7	2600	22x48	484	10	2-3 1/2"	2-3 1/2"
28-5	2300	28x32	432	12	2-4"	2-4"
28-6	2900	28x40	484	12	2-4"	2-4"
28-7	3500	28x48	536	12	2-4"	2-4"
28-8	4100	28x56	588	12	2-4"	2-4"
34-5	3300	34x32	476	16	2-5"	2-5"
34-6	4100	34x40	528	16	2-5"	2-5"
34-7	4900	34x48	580	16	2-5"	2-5"
34-8	5800	34x56	632	16	2-5"	2-5"
34-9	6600	34x64	684	16	2-5"	2-5"
34-10	7400	34x72	736	16	2-5"	2-5"
47-6	8750	47x50	677	20	2-6"	2-6"
47-7	10400	47x60	742	20	2-6"	2-6"
47-8	12050	47x70	807	20	2-6"	2-6"
47-9	13700	47x80	872	20	2-6"	2-6"
47-10	15350	47x90	937	20	2-6"	2-6"

SERIES	19"	22"	28"	34"	47"
Height to Supply Outlets.....	50"	54"	59"	68"	73"
Width of Boiler.....	33"	36"	42"	48"	59"
Height from Floor to Center of Return Tappings.....	18"	19"	19 1/2"	20"	21 1/2"
Height of Fire Box to Crown.....	22"	22"	24"	26"	26"
Height, Grate to Middle of Feed Door.....	16"	16"	18"	18"	18"
Size of Feed Door.....	9x14"	9x17"	9x17"	11x21"	2-10x17"
Width of Ashpit.....	27"	29 1/2"	35"	40 1/4"	53"

INTERNATIONAL HEATER COMPANY

ECONOMY ROUND BOILERS

These Boilers are designed to meet the most rigid demands for economical heating.

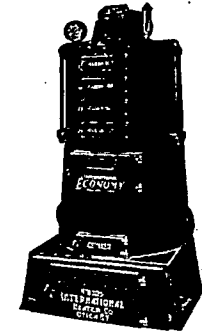
The carburetor principle of combustion is embodied in the design, also the positive cross fire travel, an exclusive feature of Economy Round Boilers.

Have deep firepot section, positive circulation, ample steam dome, individual cleanout doors, and side draft door.

Equipped with patented herring-bone triangular grate or flat grate for soft coal and the small sizes of anthracite coal.

Made in twenty-one sizes, 16 to 30 in. grate diameters. Steam ratings 350 to 1475 ft. of radiation, corresponding sizes for water.

See Catalog 1746-G for additional data.



Economy Round Water

Data on ECONOMY ROUND BOILERS
Steam Pattern

Number	Rating Sq. Ft.	Height to Flow Outlet Inches	Height Water-line Inches	Tappings Supply and Return	Number	Rating Sq. Ft.	Height to Flow Outlet Inches	Tappings Supply and Return
3E16 and 32E16	300	45	41	1-2 1/2"	16E3 and 16E32	500	40 1/2"	1-2 1/2"
4E16 and 42E16	320	49	45	1-2 1/2"	16E4 and 16E42	540	44 1/2"	1-2 1/2"
5E16 and 52E16	340	53	49	1-2 1/2"	16E5 and 16E52	580	48 1/2"	1-2 1/2"
3E18 and 32E18	350	45	41	1-2 1/2"	18E3 and 18E32	600	40 1/2"	1-2 1/2"
4E18 and 42E18	390	49	45	1-2 1/2"	18E4 and 18E42	650	44 1/2"	1-2 1/2"
5E18 and 52E18	430	53	49	1-2 1/2"	18E5 and 18E52	700	48 1/2"	1-2 1/2"
B221 and B2221	360	46 1/2"	43 1/2"	2-2 1/2"	B212 and B2122	625	42 1/2"	2-2 1/2"
B321 and B3221	435	50 1/2"	47 1/2"	2-2 1/2"	B213 and B2132	725	46 1/2"	2-2 1/2"
B421 and B4221	500	54 1/2"	51 1/2"	2-2 1/2"	B214 and B2142	825	50 1/2"	2-2 1/2"
B224 and B2224	475	47 1/2"	44 1/2"	2-3"	B242 and B2422	800	43 1/2"	2-3"
B324 and B3224	550	52 1/2"	49	2-3"	B243 and B2432	925	48	2-3"
B424 and B4224	625	56 1/2"	53 1/2"	2-3"	B244 and B2442	1050	52 1/2"	2-3"
B524 and B5224	675	61 1/2"	58	2-3"	B245 and B2452	1175	57	2-3"
B227 and B2227	600	50	46 1/2"	2-3 1/2"	B272 and B2722	1025	45 1/2"	2-3 1/2"
B327 and B3227	700	54 1/2"	51	2-3 1/2"	B273 and B2732	1175	50 1/2"	2-3 1/2"
B427 and B4227	800	59 1/2"	55 1/2"	2-3 1/2"	B274 and B2742	1325	55	2-3 1/2"
B527 and B5227	875	64 1/2"	60 1/2"	2-3 1/2"	B275 and B2752	1475	59 1/2"	2-3 1/2"
B230 and B2320	875	52 1/2"	47 1/2"	2-4"	B302 and B3022	1475	48	2-4"
B330 and B3320	1020	58	52 1/2"	2-4"	B303 and B3032	1700	53 1/2"	2-4"
B430 and B4320	1150	63 1/2"	58	2-4"	B304 and B3042	1925	58 1/2"	2-4"
B530 and B5320	1250	68 1/2"	63 1/2"	2-4"	B305 and B3052	2100	63 1/2"	2-4"

SERIES	16"	18"	21"	24"	27"	30"
Outside Diameter at Base.....	22 1/4"	25 1/4"	29"	32"	35"	39"
Height, Floor to Center Return Tappings.....	13 1/2"	15 1/4"	16"	17"	17 1/2"	17 1/2"
Size of Smoke Flue.....	9"	9"	9"	9"	10"	10"
Extreme Width of Firepot Section.....	22 1/4"	23"	26 1/2"	28 3/8"	32 1/4"	35"