

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 eighteen sizes, 18 to 30 in. grate diameters. Guaranteed radiation loads (steam): 187 to 166 sq. ft. of radiation, corresponding sizes for water.

See Catalog 1746-G for additional data.



Economy Round Water

Data on ECONOMY ROUND BOILERS
Steam Pattern Water Pattern

Number	Ratings		Height Water Line Inches	Number	Ratings		Height to Flow Outlet Inches
	Guar- anteed Radiation Load Sq. Ft.	Com- mercial Rating Sq. Ft.			Guar- anteed Radiation Load Sq. Ft.	Com- mercial Rating Sq. Ft.	
3-E-18 and 32-E-18	187	525	41	18-E-3 and 18-E-32	309	900	40 1/2
4-E-18 and 42-E-18	208	585	45	18-E-4 and 18-E-42	343	975	44 1/2
5-E-18 and 52-E-18	229	645	49	18-E-5 and 18-E-52	378	1050	48 1/2
B-221 and B-2221	193	540	43 1/2	B-212 and B-2122	318	938	42 1/4
B-321 and B-3221	232	655	47 1/2	B-213 and B-2132	383	1088	46 1/2
B-421 and B-4221	267	760	51 1/2	B-214 and B-2142	441	1238	50 1/4
B-224 and B-2224	250	710	44 1/2	B-242 and B-2422	413	1200	43 1/2
B-324 and B-3224	293	825	49	B-243 and B-2432	483	1388	48
B-424 and B-4224	333	950	53 1/2	B-244 and B-2442	549	1575	52 1/2
B-524 and B-5224	360	1015	58	B-245 and B-2452	594	1763	57
B-227 and B-2227	320	900	46 1/4	B-272 and B-2722	528	1538	45 1/2
B-327 and B-3227	372	1050	51	B-273 and B-2732	614	1763	50 1/4
B-427 and B-4227	427	1200	55 1/4	B-274 and B-2742	705	1988	55
B-527 and B-5227	467	1315	60 1/2	B-275 and B-2752	771	2213	59 1/4
B-230 and B-2230	467	1300	47 1/2	B-302 and B-3022	771	2213	48
B-330 and B-3230	544	1530	52 1/4	B-303 and B-3032	898	2550	53 1/4
B-430 and B-4230	613	1725	58	B-304 and B-3042	1011	2888	58 1/2
B-530 and B-5230	666	1875	63 1/4	B-305 and B-3052	1099	3150	63 1/4

SERIES	18"	21"	24"	27"	30"
Outside Diameter at Base	25 1/4"	29"	32"	35"	39"
Height, Floor to Center Return Tappings	15 1/4"	16"	17 1/2"	17 1/2"	17 1/2"
Size of Smoke Flue	7"	9"	9"	10"	10"
Extreme Width of Firepot Section	23"	26 1/2"	28 1/8"	32 1/4"	35"
Tappings, Supply and Return	1-2 1/2"	2-2 1/2"	2-3"	2-3 1/2"	2-4"

In the 18" sizes the crown sheet is cast separate from firepot. In 21", 24", 27" and 30" sizes the firepot and crown sheet are cast in one piece.

INTERNATIONAL HEATER COMPANY

INTERNATIONAL CARTON FURNACE

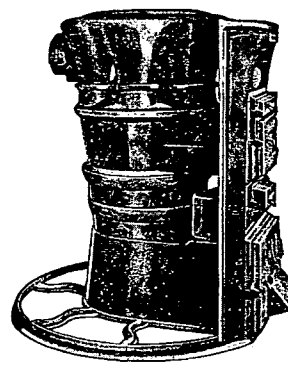
The **International Carton Furnace** is a sturdy, powerful heater made entirely of heavy cast iron with but five principal castings used in its assemblage.

It is very economical in the use of any fuel commonly used for heating purposes because of its *self cleaning* radiator.

Deep *sealed* cup joints are provided wherever castings join. The base and lower casing ring are in one piece, feed chute and combustion chamber are cast as a unit, and the ashpit is in one piece. Has patented herring-bone triangular grate, large double feed door, and roomy ashpit.

Made in six sizes. Firepot diameters 20 to 33 in. Casing diameters 44 to 60 in.

Complete Catalog 1818-G sent on request.



Carton Furnace

INTERNATIONAL ECONOMY FURNACE

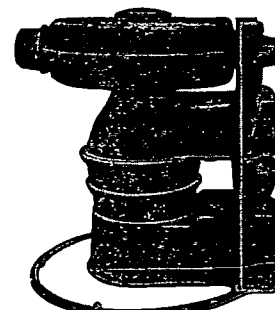
This is a moderate priced heater, but one of unusual efficiency. Proportions of heating surface, grate area and air capacity check with scientific and accepted standards.

The front is finished in a rich blue and surface grinding assures correct fit of contact joints.

The unique Economy radiator is totally different from any other and wide air spaces causes practically 50% of the air to pass toward the center over the hottest part of the fire. This heater has triangular grates, a big humidifier, large roomy ashpit, cold drop wire handles on both tight fitting feed and ashpit doors, and its ashpit, feed chute, and radiator openings extend thru the front so no smoke, gas, or dust can leak into the warm air chamber.

It is made in five sizes for hard or soft coal. Firepot diameters: 18 to 26 inches; casing diameters: 36 to 52 inches.

Complete data in catalog 1752-G.



Economy Furnace

INTERNATIONAL ONEPIPE HEATER

The **International Onepipe Heater** is designed to deliver large volumes of warm air through one register correctly proportioned to firepot diameter.

The castings with the exception of special flanged front are the same as those used in the Baronet Furnace.

Heavy galvanized casings. *Inner casing triple lined* with heavy asbestos and corrugated tin. Both casings extend down to the rings which are integral with the base.

Top is adjustable to various heights without cutting. Furnished with cast or steel radiator for hard or soft coal. Firepot diameters 16 to 24 in. Casing diameters 36 to 50 in., register sizes 24 x 24 in. to 40 x 40 in.

Complete data in Catalog 1610-G.



Onepipe Heater

Special Types for Warming and Ventilating School Houses.
Send for Bulletins 1505-G and 1757-G.