

Lookout Boiler & Mfg. Company



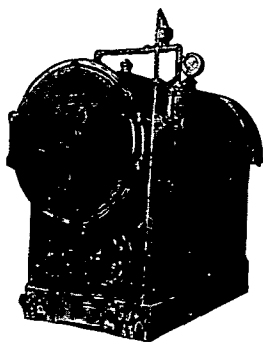
REG. U. S. PAT. OFFICE

Successors to the
HEGGIE SIMPLEX BOILER CO.
Joliet, Illinois
Chattanooga, Tennessee
Represented in Principal Cities



REG. U. S. PAT. OFFICE

STANDARD SERIES LOOKOUT HEGGIE-SIMPLEX STEEL HEATING BOILERS



Steam Boiler Assembly

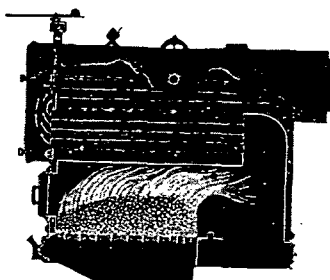
15-Lb. Steam Pressure

Steel Plate

Welded Joints

A.S.M.E. Construction

30-Lb. Water Pressure



For Burning Any Solid Fuel

STANDARD SERIES SPECIFICATIONS

Smokeless Arch Type

Direct Draft Type

Mechanical Fired Type

Catalog Number	Steam Rating	Catalog Number	Steam Rating	Catalog Number	Steam Rating	Heating Surfaces	Grate Area	Width of Boiler	Length of Boiler	Height of Base	Height of Boiler	Height of Water	Steam Capacity	Water Capacity	Size of Steam	Size of Return	Opening, Inches	Diameter of Stack	Boiler Covering	Required, Sq. Ft.
Steam Boiler	Sq. Ft. (S.H.B.I.)	Steam Boiler	Sq. Ft. (S.H.B.I.)	Steam Boiler	Sq. Ft. (S.H.B.I.)	Sq. Ft. (S.H.B.I.)	Sq. Ft.	Inches	Overall, Inches	Inches	on Base, Inches	Line, on Base, Inches	Full Gallons	Full Gallons	Outlet, Inches	Outlet, Inches	Opening, Inches	Inches	Boiler Covering	Required, Sq. Ft.
134A	1690	334A	1690	734A	2060	121	8.2	34	67 1/2	12	72	62 1/2	9.8	171	6	3	18	66		
134C	2110	334C	2110	734C	2570	151	10.5	34	79 1/2	12	72	62 1/2	12.3	214	6	3	18	78		
134E	2530	334E	2530	734E	3080	181	10.4	34	91 1/2	12	72	62 1/2	14.8	257	6	3	18	89		
140A	3110	340A	3110	740A	3770	222	12.4	40	80 1/2	12	79	69 1/2	13.9	280	6	3	20	92		
140B	3500	340B	3500	740B	4250	250	13.7	40	86 1/2	12	79	69 1/2	15.3	308	6	3	20	98		
140D	4120	340D	4120	740D	5000	294	13.7	40	98 1/2	12	79	69 1/2	18.1	364	6	3	20	110		
140E	4500	340E	4500	740E	5470	322	13.7	40	104 1/2	12	79	69 1/2	19.5	392	6	3	20	116		
147A	5000	347A	5000	747A	6080	358	14.7	47	101 1/2	12	86	72 1/2	22.3	476	8	4	22	125		
147B	5490	347B	5490	747B	6660	392	16.5	47	107 1/2	12	86	72 1/2	24.0	514	8	4	22	133		
147C	5960	347C	5960	747C	7240	426	18.6	52	109 1/2	12	86	72 1/2	25.8	552	8	4	22	141		
152A	6500	352A	6500	752A	7890	464	18.6	52	109 1/2	12	91	78 1/2	25.1	596	8	4	24	144		
152B	7000	352B	7000	752B	8500	500	20.7	52	115 1/2	12	91	78 1/2	28.8	686	8	4	24	152		
152C	7520	352C	7520	752C	9130	537	20.7	52	115 1/2	12	91	78 1/2	30.9	753	8	4	24	160		
152D	8040	352D	8040	752D	9760	574	22.9	57	121 1/2	12	97	81 1/2	32.2	810	8	4	27	167		
157A	9100	357A	9100	757A	11050	650	22.9	57	127 1/2	12	97	81 1/2	35.1	858	8	4	27	184		
157D	10420	357D	10420	757D	12650	744	25.2	57	133 1/2	12	97	81 1/2	37.2	910	8	4	27	193		
163A	12500	363A	12500	763A	15180	894	28.1	63	129 1/2	15	108	93	34.9	953	10	5	30	206		
163B	13360	363B	13360	763B	16220	954	28.1	63	135 1/2	15	108	93	37.1	1014	10	5	30	215		
163C	14200	363C	14200	763C	17240	1014	28.1	63	141 1/2	15	108	93	39.3	1076	10	5	33	224		
163D	15000	363D	15000	763D	18220	1074	30.6	63	147 1/2	15	108	93	41.5	1137	10	5	33	230		
170A	16020	370A	16020	770A	19450	1144	31.0	70	129 1/2	15	116	96 1/2	43.6	1269	10	5	33	240		
170B	17020	370B	17020	770B	20670	1216	31.0	70	135 1/2	15	116	96 1/2	46.2	1347	10	5	33	250		
170C	18030	370C	18030	770C	21900	1288	33.9	70	141 1/2	15	116	96 1/2	48.8	1423	10	5	36	258		
178A	20000	378A	20000	778A	24290	1429	35.0	78	135 1/2	15	126	106 1/2	47.9	1524	10	5	36	281		
178C	22390	378C	22390	778C	27180	1599	38.2	78	147 1/2	15	126	106 1/2	53.9	1751	10	5	40	291		
184A	25000	384A	25000	784A	30360	1786	38.0	84	141 1/2	15	132	113	52.9	1831	10	5	40	314		
184C	28010	384C	28010	784C	34020	2001	41.3	84	153 1/2	15	132	113	58.9	2042	10	5	40	337		
184E	31010	384E	31010	784E	37660	2215	44.8	84	165 1/2	15	132	113	64.9	2255	10	5	42	347		
184G	34010	384G	34010	784G	41290	2429	44.8	84	177 1/2	15	132	113	70.9	2467	10	5	42	361		

To determine S.H.B.I. Ratings of Hot Water Heating Boilers, add 60 per cent to corresponding steam boiler rating.

RESIDENCE SERIES

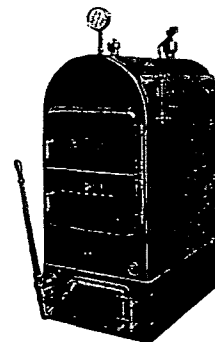
LOOKOUT HEGGIE-SIMPLEX STEEL HEATING BOILERS

Steel Plate
15-Lb. Steam Working Pressure

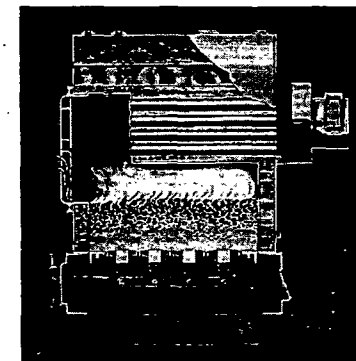
Welded Joints

A.S.M.E. Construction
30-Lb. Water Working Pressure

Direct Draft Type for Hand Firing any Solid Fuel
Mechanical Fired Type for Oil, Gas, or Stoker



Steam Boiler Assembly with Jacket



For Burning Any Solid Fuel

RESIDENCE SERIES (Double Pass—2 In. Tubes) SPECIFICATIONS

Jacketed and without Jacket

Direct Draft Type

Mechanical Fired Type

Catalog Number	Steam Rating	Catalog Number	Steam Rating	Heating Surfaces	Grate Area	Width of Boiler	Length of Boiler	Height of Base	Height of Boiler	Height of Water	Steam Capacity	Water Capacity	Size of Steam	Size of Return	Opening, Inches	Diameter of Stack	Boiler Covering	Required, Sq. Ft.
Steam Boiler	Sq. Ft. (S.H.B.I.)	Steam Boiler	Sq. Ft. (S.H.B.I.)	Sq. Ft. (S.H.B.I.)	Sq. Ft.	Inches	Overall, Inches	Inches	on Base, Inches	Line, on Base, Inches	Full Gallons	Full Gallons	Outlet, Inches	Outlet, Inches	Opening, Inches	Inches	Boiler Covering	Required, Sq. Ft.
2SJ1	370	2SCJ1	540	32	2.6	24	34 1/2	12	56	48	3.8	37	1.8	3	3	1 1/2	10	30
2SJ2	510	2SCJ2	680	40	3.5	24	40 1/2	12	56	48	4.8	48	2.3	3	3	1 1/2	10	30
2SJ3	670	2SCJ3	820	48	4.3	24	45 1/2	12	56	48	5.8	60	2.8	3	3	1 1/2	10	30
2SJ4	800	2SCJ4	970	57	5.1	24	53 1/2	12	56	48	6.8	71	3.3	3	3	1 1/2	10	30
2SJ5	950	2SCJ5	1160	68	5.4	27	47 1/2	12	65	55 1/2	6.6	103	3.8	4	4	1 1/2	12	40
2SJ6	1110	2SCJ6	1340	79	6.0	27	53 1/2	12	65	55 1/2	7.7	122	4.5	4	4	1 1/2	12	40
2SJ7	1300	2SCJ7	1580	93	7.0	27	60 1/2	12	65	55 1/2	8.9	143	5.1	4	4	1 1/2	12	40
2SJ8	1480	2SCJ8	1800	106	7.8	27	66 1/2	12	65	55 1/2	10.0	163	5.9	4	4	1 1/2	12	40
2SJ9	1620	2SCJ9	1970	116	7.9	30	60 1/2	12	72	61	11.3	175	6.7	5	5	1 1/2	14	50
2SJ10	1830	2SCJ10	2230	131	9.0	30	66 1/2	12	72	61	11.3	199	7.6	5	5	1 1/2	14	50

To determine S.H.B.I. Ratings of Hot Water Heating Boilers, add 60 per cent to corresponding steam boiler ratings.

In addition to the STANDARD SERIES and RESIDENCE SERIES of Steel Heating Boilers, we make the following:

HIGH FIREBOX SERIES—Mechanical Fired Type. Specifications given in Bulletin No. 112.

P. O. SERIES PORTABLE FIRE BOX BOILERS—(Single Pass)—Down-draft Water-Grate Type—Direct Draft Type—Mechanical Fired Type. Specifications given in Bulletin No. 117.

F.P.O. SERIES PORTABLE FIREBOX BOILERS—(Double Pass)—Down-draft Water-Grate Type—Direct Draft Type—Mechanical Fired Type. Specifications given in Bulletin No. 118.

REFUSE BURNING WATER HEATERS—Direct Draft Type. Specifications given in Bulletin No. 119.