

Heggie-Simplex Jacketed Steel Boilers

Its large fuel capacity insures long firing periods. Its spacious firebox, large amount of direct heating surface, tubular flues, free circulation, and deep steam space afford unparalleled efficiency. It is economical and equally as well adapted to hard coal, soft coal, coke, gas or oil, and to hand or mechanical firing.

Heggie-Simplex Jacketed Boilers are rated in conformity with the "Steel Heating Boiler Institute's Code for Rating Low Pressure Heating Boilers." They will not only develop these ratings but are warranted capable of handling substantial overloads with ease.

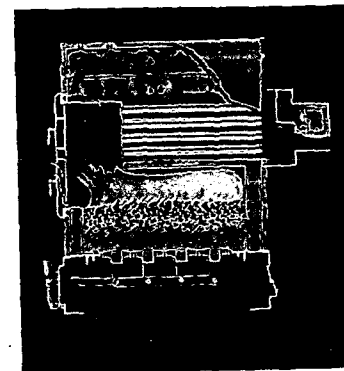
HEGGIE SIMPLEX JACKETED BOILERS

HEGGIE-SIMPLEX JACKETED BOILERS

*One Outlet and Return Opening furnished with Water Boilers, unless otherwise specified; two of each supplied on request without additional charge.
†Equipped with 2 in. flues.

For Soft Coal

*One Outlet and Return Opening furnished with Water Boilers, unless otherwise specified; two of each supplied on request without additional charge.
†Equipped with 3 in. flues.



HEGGIE-SIMPLEX STEEL HEATING BOILERS—STEAM AND WATER
[134-A] 124 C 124 B 124

HEGGIE-SIMPLEX STEEL HEATING BOILERS—STEAM AND WATER

Boiler No.—Smokeless, Steam	134-A	134-C	134-E	140-A	140-B	140-D	140-E	147-A	147-C	152-A	152-B	152-C	152-D	157-A	157-C
Steam Rating	334-A	334-E	340-A	340-B	340-C	340-D	340-E	347-A	347-C	352-A	352-B	352-C	352-D	357-A	357-C
sq. ft.	1030	2110	2530	3110	3500	4120	4510	5010	5490	6500	7000	7520	8040	9100	9100
Boiler No.—Oil, Gas, or Stoker Fired, Steam	734-A	734-E	740-A	740-B	740-C	740-D	740-E	747-A	747-C	752-A	752-B	752-C	752-D	757-A	757-C
Steam Rating	2060	2570	3080	3770	4250	5000	5470	6090	6660	7240	7890	8500	9130	9760	11050
sq. ft.	2060	2570	3080	3770	4250	5000	5470	6090	6660	7240	7890	8500	9130	9760	11050
Boiler No.—Smokeless, Water*	234-A	234-E	240-A	240-B	240-C	240-D	240-E	247-A	247-C	252-A	252-B	252-C	252-D	257-A	257-C
Water Rating	434-A	434-E	440-A	440-B	440-C	440-D	440-E	447-A	447-C	452-A	452-B	452-C	452-D	457-A	457-C
sq. ft.	2700	3380	4050	4980	5600	6590	7220	8020	8740	9540	10400	11200	12030	12860	14560
Boiler No.—Direct Draft, Water*	834-A	834-E	840-A	840-B	840-C	840-D	840-E	847-A	847-C	852-A	852-B	852-C	852-D	857-A	857-C
Water Rating	3340	4110	4930	6030	6800	8000	8750	9740	10660	11580	12620	13600	14610	15620	17680
sq. ft.	3340	4110	4930	6030	6800	8000	8750	9740	10660	11580	12620	13600	14610	15620	17680
Heating Surface:															
Grate of Water Line	21	151	181	223	230	294	322	358	392	426	464	500	537	574	650
Height of Water Line	6.2	10.5	10.4	12.4	13.7	13.7	14.7	16.5	17.5	18.6	18.6	18.6	18.6	20.7	22.9
Height of Boiler	62 1/2	62 1/2	62 1/2	69 1/2	69 1/2	69 1/2	72 1/2	73 1/2	73 1/2	78 1/2	78 1/2	78 1/2	78 1/2	81 1/2	81 1/2
Width of Boiler	72	72	72	79	79	79	86	86	86	91	91	91	91	97	97
Length of Boiler	34	34	34	40	40	40	47	47	47	52	52	52	52	57	57
Diameter of Breaching	67 1/4	79 1/4	91 1/4	80 1/4	86 1/4	98 1/4	104 1/4	107 1/4	113 1/4	109 1/4	109 1/4	109 1/4	109 1/4	121 1/4	131 1/4
Diameter of Stack	18	18	18	20	20	20	22	24	24	24	26	26	26	28	38
Minimum Height of Stack	18	18	18	20	20	20	22	24	24	24	24	24	24	24	38
Diameter of Breaching—2 Boilers	45	50	55	60	60	60	60	60	60	60	60	60	60	70	70
Diameter of Stack—2 Boilers	28	28	28	30	30	30	34	34	34	34	34	34	34	34	36
Minimum Height of Stack—2 Boilers	28	28	28	30	30	30	32	32	32	32	32	32	32	34	36
Size of Steam Outlet	53	60	65	70	70	70	75	75	75	75	80	80	80	80	80
Boiler Return	5	5	5	6	6	6	6	6	6	6	6	6	6	8	8
Boiler Covering Required	66	73	89	92	98	110	116	125	133	141	144	144	152	160	167
sq. ft.	66	73	89	92	98	110	116	125	133	141	144	144	152	160	167
Boiler No.—Smokeless, Steam	157-C	157-D	163-A	163-B	163-C	170-A	170-B	170-C	170-D	178-A	178-B	184-A	184-C	184-E	184-G
Boiler No.—Direct Draft, Steam	357-C	357-D	363-A	363-B	363-C	370-A	370-B	370-C	370-D	378-A	378-B	384-A	384-C	384-E	384-G
Steam Rating	10420	11070	12520	13360	14200	15040	16020	17020	18020	20010	22390	25000	28010	31010	34010
sq. ft.	10420	11070	12520	13360	14200	15040	16020	17020	18020	20010	22390	25000	28010	31010	34010
Boiler No.—Oil, Gas, or Stoker Fired, Steam	757-C	757-D	763-A	763-B	763-C	770-A	770-B	770-C	770-D	778-A	778-B	784-A	784-C	784-E	784-G
Steam Rating	12650	13450	15200	16220	17240	18260	19450	20670	21900	24290	27180	30360	34020	37660	41290
sq. ft.	12650	13450	15200	16220	17240	18260	19450	20670	21900	24290	27180	30360	34020	37660	41290
Boiler No.—Smokeless, Water*	257-C	257-D	263-A	263-B	263-C	270-A	270-B	270-C	270-D	278-A	278-B	284-A	284-C	284-E	284-G
Water Rating	457-A	457-B	463-A	463-B	463-C	470-A	470-B	470-C	470-D	478-A	478-B	484-A	484-C	484-E	484-G
Boiler No.—Direct Draft, Water*	16670	17710	20030	21380	22720	24060	25630	27230	28850	32020	35820	40000	44820	49620	54420
sq. ft.	16670	17710	20030	21380	22720	24060	25630	27230	28850	32020	35820	40000	44820	49620	54420
Boiler No.—Oil, Gas, or Stoker Fired, Water	857-C	857-D	863-A	863-B	863-C	870-A	870-B	870-C	870-D	878-A	878-B	884-A	884-C	884-E	884-G
Water Rating	20420	21520	24320	25950	27580	29220	31120	33070	35040	38860	43400	48580	54400	60260	66060
sq. ft.	20420	21520	24320	25950	27580	29220	31120	33070	35040	38860	43400	48580	54400	60260	66060
Heating Surface:															
Grate of Water Line	744	791	894	1014	1074	1144	1216	1288	1350	1439	1590	1768	2001	2215	2429
Height of Water Line	25	25	25	28 1/2	28 1/2	30	30	31	32	33	35	38	38	40	44
Height of Boiler	81 1/2	81 1/2	81 1/2	88 1/2	88 1/2	90 1/2	90 1/2	91 1/2	92 1/2	96 1/2	106 1/2	106 1/2	106 1/2	113 1/2	122 1/2
Width of Boiler	97	97	97	108	108	108	116	116	116	126	126	132	132	132	142
Length of Boiler	57	57	57	63	63	63	70	70	70	78	78	84	84	84	84
Diameter of Breaching	127 1/4	133 1/4	133 1/4	139 1/4	139 1/4	141 1/4	141 1/4	141 1/4	141 1/4	147 1/4	147 1/4	153 1/4	153 1/4	153 1/4	169 1/4
Diameter of Stack	28	28	28	30	30	30	33	33	33	36	36	40	40	40	42
Minimum Height of Stack	27	27	27	30	30	30	33	33	33	36	36	40	40	40	42
Diameter of Breaching—2 Boilers	70	80	75	75	75	75	80	80	80	90	90	100	100	100	115
Diameter of Stack—2 Boilers	40	40	40	44	44	44	44	44	44	46	46	50	50	50	56
Minimum Height of Stack—2 Boilers	40	40	40	44	44	44	44	44	44	46	46	50	50	50	56
Size of Steam Outlet	80	98	8	10	10	10	10	10	10	100	100	110	110	110	125
Boiler Return	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10
Boiler Covering Required	184	193	197	206	215	224	230	240	250	256	281	291	314	337	361
sq. ft.	184	193	197	206	215	224	230	240	250	256	281	291	314	337	361

Supply outlets and return openings on Water Boilers—Furnished as specified on contractor's order. In case of 2, 3, 4, 5, 6 and 10 foot boilers, the return opening is at the top of the boiler.