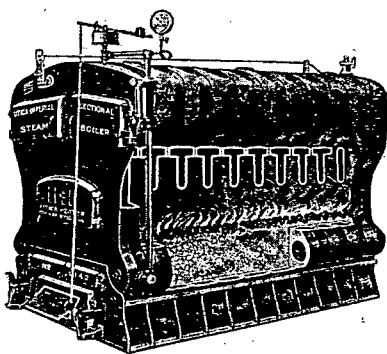


Capacities and Dimensions of Utica-Imperial SECTIONAL Boilers

Designed primarily for use in localities where anthracite is the commonly used fuel. Also, owing to the high efficiency of the heat-absorbing surfaces, these boilers are ideally suited to use of oil-burners. Water-filled tongues, which extend from the crown sheets deep down into the combustion chamber, provide an unusually large area of heat-absorbing surface at a point where high temperatures make such extra surface extremely valuable. Gases travel through the flues with a rotating motion similar to that described under our SUPER-SMOKELESS Boilers.



Capacities and Dimensions of Utica-Imperial SECTIONAL Boilers

Boiler No. Steam	Steam Ratings, Sq. Ft.		Boiler No. Water	Water Ratings, Sq. Ft.		Grate Area Sq. Ft.	No. and Size of Outlets Inches	Diameter of Smoke Collar Inches	Length of Sections Only Inches	Length of Sections and Smoke Box Inches
	High Efficiency	High Output		High Efficiency	High Output					
S-423	750	1000	W-423	1200	1600	3.75	1-4	12	29	40 1/4
S-523	1000	1400	W-523	1600	2240	5.00	1-4	12	37 1/4	48 1/2
S-623	1250	1800	W-623	2000	2880	6.25	2-4	12	45 1/2	56 1/4
S-723	1500	2200	W-723	2400	3520	7.50	2-4	14	53 1/4	63 1/4
S-823	1750	2600	W-823	2800	4160	8.75	2-4	14	62	71 1/2
S-923	2000	3000	W-923	3200	4800	10.00	3-4	14	70 1/4	79 1/4
S-532	1700	2750	W-532	2720	4400	7.32	1-5	12	37 1/4	49 1/4
S-632	2150	3400	W-632	3440	5440	9.10	2-5	12	45 1/2	58
S-732	2600	4050	W-732	4160	6480	10.87	2-5	12	53 1/4	66 1/4
S-832	3050	4700	W-832	4880	7520	12.65	2-5	14	62	74 1/4
S-932	3500	5350	W-932	5600	8560	14.42	3-5	14	70 1/4	82 1/2
S-642	3100	5100	W-642	4960	8160	12.03	2-5	14	45 1/2	57 1/2
S-742	3750	6000	W-742	6000	9600	14.38	2-5	14	53 1/4	65 1/4
S-842	4400	6900	W-842	7040	11,040	16.73	3-5	14	62	74
S-942	5050	7800	W-942	8080	12,480	19.08	3-5	16	70 1/4	82 1/2
S-1042	5700	8700	W-1042	9120	13,920	21.43	3-5	16	78 1/2	90 1/4
S-1142	6350	9600	W-1142	10,160	15,360	23.77	3-5	16	86 1/4	99
S-1242	7000	10,500	W-1242	11,200	16,800	23.77	4-5	16	95	107 1/4

Capacities and Dimensions of Utica-Duplex SECTIONAL Boilers

Boiler No. Steam	Steam Ratings, Sq. Ft.		Boiler No. Water	Water Ratings, Sq. Ft.		Grate Area Sq. Ft.	No. and Size of Outlets Inches	Diameter of Smoke Collar Inches	Length of Sections Only Inches	Length of Sections and Smoke Box Inches
	High Efficiency	High Output		High Efficiency	High Output					
S-684	7200	11,000	W-684	11,520	17,600	24.06	8	28	45 1/2	62 1/2
S-784	8500	13,000	W-784	13,600	20,800	28.76	8	28	53 1/4	70 1/4
S-884	9800	15,000	W-884	15,680	24,000	33.46	8	28	62	79
S-984	11,100	17,000	W-984	17,760	27,200	38.16	8	28	70 1/4	87 1/4
S-1084	12,400	19,000	W-1084	19,840	30,400	38.16	8	28	78 1/2	95 1/2
S-1184	13,700	21,000	W-1184	21,920	33,600	42.86	8	28	86 1/4	103 1/4
S-1284	15,000	23,000	W-1284	24,000	36,800	42.86	8	28	95	112

Water Line: 23 series—45 1/2 in.; 32 series—53 in.; 42 series—57 in.; 84 series—57 in.

Equipment Shipped with Boilers

Same as for Utica-Imperial SUPER-SMOKELESS Boilers, as given on previous page.

Capacities and Dimensions of Utica-Imperial SUPER-SMOKELESS Boilers

Boiler No. Steam	Steam Ratings, Sq. Ft.		Boiler No. Water	Water Ratings, Sq. Ft.		Grate Area Sq. Ft.	No. and Size of Outlets Inches	Diameter of Smoke Collar Inches	Length of Sections Only Inches	Length of Sections and Smoke Box Inches
	High Efficiency	High Output		High Efficiency	High Output					
S-245	1200	1600	W-245	1920	2560	5.00	1-4	12	37 1/4	48 1/2
S-246	1500	2075	W-246	2400	3320	6.25	2-4	12	45 1/2	56 1/4
S-247	1800	2550	W-247	2880	4080	7.50	2-4	14	53 1/4	63 1/4
S-248	2100	3025	W-248	3360	4840	8.75	2-4	14	62	71 1/2
S-249	2400	3500	W-249	3840	5600	10.00	3-4	14	70 1/4	79 1/4
S-335	2000	3000	W-335	3200	4800	7.32	1-5	15	37 1/4	49 1/4
S-336	2500	3750	W-336	4000	6000	9.10	2-5	15	45 1/2	57 1/4
S-337	3000	4500	W-337	4800	7200	10.87	2-5	15	53 1/4	66
S-338	3500	5250	W-338	5600	8400	12.65	2-5	16	62	72 1/2
S-339	4000	6000	W-339	6400	9600	14.42	3-5	16	70 1/4	80 1/4
S-3310	4700	6750	W-3310	7520	10,800	16.20	3-5	16	78 1/2	89
S-405	2750	4125	W-405	4400	6600	9.68	1-5	18	37 1/4	49 1/4
S-406	3500	5250	W-406	5600	8400	12.03	2-5	18	45 1/2	57 1/2
S-407	4250	6375	W-407	6800	10,200	14.38	2-5	18	53 1/4	65 1/4
S-408	5000	7500	W-408	8000	12,000	16.73	3-5	18	62	74
S-409	5750	8625	W-409	9200	13,800	19.08	3-5	18	70 1/4	82 1/4
S-410	6500	9750	W-410	10,400	15,600	21.43	3-5	18	78 1/2	90 1/2
S-411	7250	10,875	W-411	11,600	17,400	23.77	3-5	20	86 1/4	97
S-412	8000	12,000	W-412	12,800	19,200	23.77	4-5	20	95	105 1/4
S-413	8750	12,700	W-413	14,000	20,320	23.77	4-5	20	103 1/4	113 1/2
S-414	9500	13,500	W-414	15,200	21,600	23.77	4-5	20	111 1/2	121 1/4
S-415	10,250	14,250	W-415	16,400	22,800	23.77	4-5	20	119 1/4	130
S-416	11,000	15,000	W-416	17,600	24,000	23.77	4-5	20	128	138 1/4
S-417	11,750	15,750	W-417	18,800	25,200	23.77	4-5	20	136 1/4	146 1/2
S-418	12,500	16,375	W-418	20,000	26,200	23.77	4-5	20	144 1/2	154 1/2
S-419	13,250	17,000	W-419	21,200	27,200	23.77	5-5	20	152 1/4	163
S-420	14,000	17,600	W-420	22,400	28,160	23.77	5-5	20	161	171 1/4
S-421	14,750	18,150	W-421	23,600	29,040	23.77	5-5	20	169 1/4	179 1/2
S-422	15,500	18,650	W-422	24,800	29,840	23.77	5-5	20	177 1/2	187 1/4
S-423	16,250	19,100	W-423	26,000	30,560	23.77	5-5	20	185 1/4	196
S-424	17,000	19,500	W-424	27,200	31,200	23.77	5-5	20	194	204 1/4

Capacities and Dimensions of Utica-Duplex SUPER-SMOKELESS Boilers

Boiler No. Steam	Steam Ratings, Sq. Ft.		Boiler No. Water	Water Ratings, Sq. Ft.		Grate Area Sq. Ft.	No. and Size of Outlets Inches	Diameter of Smoke Collar Inches	Length of Sections Only Inches	Length of Sections and Smoke Box Inches
	High Efficiency	High Output		High Efficiency	High Output					
S-827	8500	12,750	W-827	13,600	20,400	28.76	8	28	53 1/4	70 1/4
S-828	10,000	15,000	W-828	16,000	24,000	28.76	8	28	62	79
S-829	11,500	17,250	W-829	18,400	27,600	33.46	8	28	70 1/4	87 1/4
S-8210	13,000	19,500	W-8210	20,800	31,200	33.46	8	28	78 1/2	95 1/2
S-8211	14,500	21,750	W-8211	23,200	34,800	38.16	8	28	86 1/4	103 1/4
S-8212	16,000	24,000	W-8212	25,600	38,400	38.16	8	28	95	112
S-8213	17,500	25,400	W-8213	28,000	40,640	42.86	8	28	103 1/4	120 1/4
S-8214	19,000	27,000	W-8214	30,400	43,200	42.86	8	28	111 1/2	128 1/2
S-8215	20,500	28,500	W-8215	32,800	45,600	42.86	8	28	119 1/4	136 1/4
S-8216	22,000	30,000	W-8216	35,200	48,000	47.54	8	28	128	145
S-8217	23,500	31,500	W-8217	37,600	50,400	47.54	8	28	136 1/4	153 1/4
S-8218	25,000	32,750	W-8218	40,000	52,400	47.54	8	28	144 1/2	161 1/2

Height of water line: 24 series, 45 1/2 inches; 33 series, 53 inches; 40 series, 57 inches; 82 series, 57 inches.

Equipment Shipped with Boilers

All Utica SECTIONAL Boilers are provided with equipment of the best type. Steam Boilers are equipped with water column with gage glass and compression cocks; Retard Steam Gage with Bourdon brass tube spring, Non-Glare Dial, syphon and cock; All-brass Pop Safety Valve, A. S. M. E. Standard, and Automatic All-metal Damper Regulator suitable for low pressure. Every boiler is furnished with a complete set of firing tools, consisting of shaker handle, hook, hoe, slice bar and flue brush with handle. Duplex Steam Boilers are equipped with Steam Header, Return Yoke, and Equalizer fitted with Hartford Connection which may be used or not, as desired.