

Standard Heater Company

Williamsport, Pa.

NEW YORK PHILADELPHIA BOSTON BALTIMORE BUFFALO
DETROIT CHICAGO DENVER DULUTH
Builders of Spencer Heaters

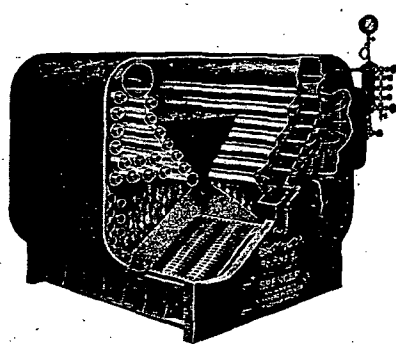
SPENCER HEATERS

Give uniform heat over long periods and use small size hard coal with least attention to the fire.

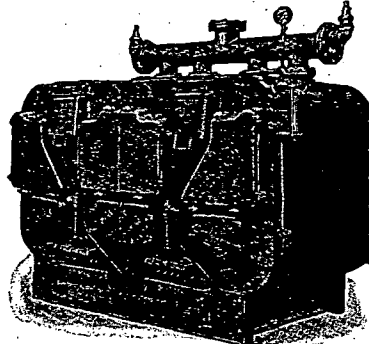
The magazine-feed feature is built into the heater and requires no adjustment. The magazine holds a supply of coal sufficient for 8 to 12 hours in severe weather or for a proportionately longer period in milder weather.

Spencer Heaters are economical and efficient.

Due to the magazine-feed feature of the Spencer Heater it is impracticable to obtain a firing period of less than 8 hours. Therefore ratings of Spencer Heaters are based upon an evaporation of 8 lbs. of water per lb. of coal burned, the rated evaporation having been obtained in actual test made in accordance with the A. S. H. & V. E. Code 1919 for testing low pressure boilers, using fresh mined No. 1 Buckwheat coal as fuel.



60 Series. Spencer Tubular Heater



100 Series. Spencer Tubular Heater

SPENCER TUBULAR STEAM HEATERS

Heater Number	Rating Sq. Ft. Radiation	Fire Surface Sq. Ft.	Heating Surface Sq. Ft.	Tapping Flow	Tapping Return	Overall Length Ins.	Overall Width Ins.	Water Line Ins.	Draft to Develop Rating Ins. H ₂ O	Size Chimney Flue
15	2,000	12.00	282	2-4"	2-3"	71	60	56	.23	16"x16"x50"
17	2,500	13.50	309	2-4"	2-3"	77	60	56	.24	16"x16"x55"
19	3,000	15.00	337	2-4"	2-3"	83	60	56	.25	16"x16"x60"
20	3,500	16.50	365	2-4"	2-3"	89	60	56	.26	16"x16"x65"
21	4,000	18.00	393	2-4"	2-3"	95	60	56	.27	16"x16"x65"
13-45	4,500	18.05	389	2-5"	1-4"	107 1/2	81	59	.24	18"x18"x50"
13-50	5,000	20.24	429	2-5"	1-4"	114	81	59	.25	18"x18"x55"
13-55	5,500	22.56	468	2-5"	1-4"	120 1/2	81	59	.26	18"x18"x60"
13-60	6,000	24.83	506	2-5"	1-4"	126 1/2	81	59	.27	18"x18"x65"
13-70	7,000	27.00	547	2-5"	1-4"	132 1/2	81	59	.28	18"x18"x70"
3-80	8,000	30.35	560	1-8"	1-4"	101 1/2	118 1/2	66	.27	20"x20"x65"
3-90	9,000	34.70	621	1-8"	1-4"	107 1/2	118 1/2	66	.28	20"x20"x65"
3-105	10,500	39.05	683	1-8"	1-4"	114	118 1/2	66	.29	22"x22"x65"
3-120	12,000	43.40	745	1-8"	1-4"	120 1/2	118 1/2	66	.30	24"x24"x70"
3-140	14,000	47.75	807	1-8"	1-4"	126 1/2	118 1/2	66	.32	24"x24"x70"
3-160	16,000	52.10	869	1-8"	1-4"	132 1/2	118 1/2	66	.34	24"x24"x70"

Heaters No. 3-45 to 3-160 are furnished with steel jackets and 1 1/2 in. Rockwool asbestos covering, also pipe header.

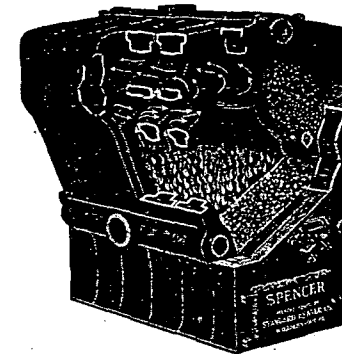
Heaters No. 15-21 are furnished with steel jackets only.

Chimney Flue sizes are based on a maximum Flue Temperature at Boiler Smoke outlet of 500 deg. Fahr.

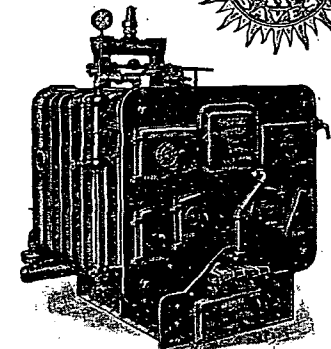
SPENCER HEATERS are adaptable for residences, apartment houses, churches, schools, public and commercial buildings, theatres, green houses, garages and all other types of buildings heated by low pressure steam, vapor, or hot water.

For over 25 years SPENCER HEATERS have been tried and tested under the most severe climatic conditions. There are thousands of successful installations throughout the entire country.

Write for illustrated catalog containing complete information.



15 Series. Spencer Sectional Heater



No. 2 Series. Spencer Sectional Heater

SPENCER SECTIONAL STEAM HEATERS

Heater Number	Rating Sq. Ft. Radiation	Fire Surface Sq. Ft.	Tapping Flow	Tapping Return	Overall Length Ins.	Overall Width Ins.	Water Line Ins.	Draft to Develop Rating Ins. H ₂ O	Size Chimney Flue
154-S	375	2.29	1-4"	2-3"	33	33 1/2	49	0.16	8"x8"x30"
155-S	500	3.02	1-4"	2-3"	39 1/2	33 1/2	49	0.16	8"x8"x30"
156-S	625	3.78	1-4"	2-3"	47	33 1/2	49	0.17	10"x10"x35"
157-S	750	4.54	2-4"	4-3"	54	33 1/2	49	0.18	10"x10"x35"
158-S	900	5.30	2-4"	4-3"	62	33 1/2	49	0.20	10"x10"x40"
2-5	1,000	4.51	2-4"	2-4"	63 1/4	57 1/2	50	0.15	10"x10"x30"
2-6	1,300	5.64	2-4"	2-4"	70	57 1/2	50	0.17	10"x10"x35"
2-7	1,600	6.77	2-4"	2-4"	76 1/4	57 1/2	50	0.18	12"x12"x35"
2-8	2,000	7.90	2-4"	2-4"	82 1/2	57 1/2	50	0.19	12"x12"x35"
2-9	2,400	9.03	2-4"	2-4"	88 1/4	57 1/2	50	0.20	12"x12"x35"
2-10	2,800	10.16	2-4"	2-4"	95	57 1/2	50	0.21	12"x12"x40"
2-11	3,200	11.28	2-4"	2-4"	101 1/4	57 1/2	50	0.21	12"x12"x40"

SPENCER SECTIONAL WATER HEATERS

Heater Number	Rating Sq. Ft. Radiation	Fire Surface Sq. Ft.	Tapping Flow	Tapping Return	Overall Length Ins.	Overall Width Ins.	Water Line Ins.	Draft to Develop Rating Ins. H ₂ O	Size Chimney Flue
15-4-W	600	2.29	1-4"	2-3"	33	33 1/2	49	0.16	8"x8"x30"
15-5-W	800	3.02	1-4"	2-3"	39 1/2	33 1/2	49	0.16	8"x8"x30"
15-6-W	1,000	3.78	1-4"	2-3"	47	33 1/2	49	0.17	10"x10"x35"
15-7-W	1,200	4.54	2-4"	4-3"	54	33 1/2	49	0.18	10"x10"x35"
15-8-W	1,400	5.30	2-4"	4-3"	62	33 1/2	49	0.20	10"x10"x40"
27-4-W	1,600	4.38	2-4"	2-4"	41 1/2	55 1/2	49	0.19	10"x10"x35"
27-5-W	2,100	5.84	2-4"	2-4"	49 1/2	55 1/2	49	0.20	10"x10"x40"
27-6-W	2,600	7.31	2-4"	2-4"	58	55 1/2	49	0.20	12"x12"x35"
2-6-W	2,100	5.64	2-4"	2-4"	70	57 1/2	50	0.17	10"x10"x35"
2-7-W	2,600	6.77	2-4"	2-4"	76 1/4	57 1/2	50	0.18	12"x12"x35"
2-8-W	3,200	7.90	2-4"	2-4"	82 1/2	57 1/2	50	0.19	12"x12"x35"
2-9-W	3,800	9.03	2-4"	2-4"	88 1/4	57 1/2	50	0.20	12"x12"x35"
2-10-W	4,500	10.16	2-4"	2-4"	95	57 1/2	50	0.21	12"x12"x40"
2-11-W	5,100	11.28	2-4"	2-4"	101 1/4	57 1/2	50	0.21	12"x12"x40"