

Spray Engineering Company

60 High Street
BOSTON, MASSACHUSETTS

SPRACO AIR FILTERS

Spraco Air Filters constitute the most efficient device for removing from the ventilating air, dust, dirt, and other foreign matter. Some of the reasons why **Spraco Air Filters** are superior follow:

FIRST.—Filter media arranged from coarse to fine in the direction of air flow results in progressive filtration. Ample space provided for the accumulation of the maximum amount of dirt without obstructing the air flow.

SECOND.—Framework for holding cells is made up in sections of all welded construction, insuring maximum strength and perfect alignment. Sectional framework eliminates air leakage and reduces the cost of installation to a minimum.

THIRD.—Cells make two point contact with sectional framework, which is provided with a felt sealing strip. All air must pass through filter media.

FOURTH.—Quick acting spring latches, **FOUR** to each cell, hold the cells firmly against the two point seal.

FIFTH.—Washing tanks are equipped with steam water heater, drain, and water connections. Steam water heater insures maintaining washing solution hot, while the **Spraco Rotary Washing tank** is the quickest and most effective means of cleaning the cells.

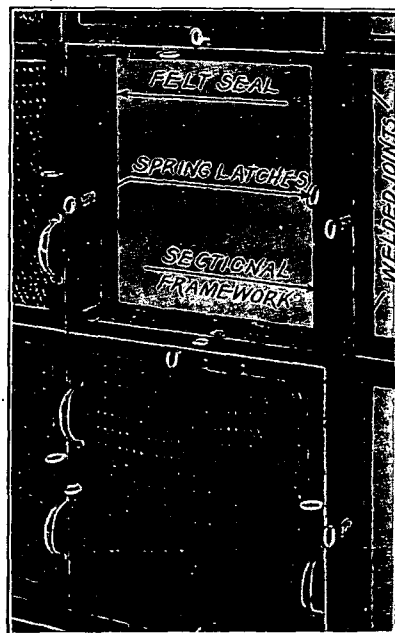
Send for Bulletin F-47.

Engineering Service

The Spray Engineering Company maintains a corps of engineers experienced in all phases of air conditioning, including the filtering, washing, cooling, humidifying, and dehumidifying of air for all classes of work. These engineers are available for consultation regarding the best solution of such problems.

Specifications

Space occupied by Cell.....	20" x 20" x 4".
Net weight of Cell.....	30 lbs.
Net weight of Sectional Framework.....	15 lbs. per cell.
Standard air capacity of Cell.....	800 C. F. M.
Average Resistance.....	1/4" w. g. when clean 1/8" w. g. with 1 lb. dirt per cell.
Cleaning efficiency.....	Under normal conditions will remove 97% of dust and dirt as determined by microscopic dust count.



AMERICAN RADIATOR COMPANY

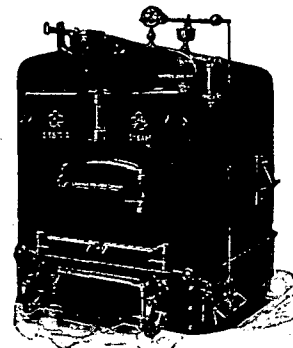
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Manufacturers of Ideal Boilers, American Radiators, and other Heating, Ventilating, and Refrigerating Products

THE IDEAL SMOKELESS BOILER



36" Series

The Ideal Smokeless Boiler has established itself by years of service as representing the highest standard of smokeless performance. It burns all grades of soft coal smokelessly without skilled attendance, is easily installed, requires no special setting, and has no parts to wear out or be replaced. It is especially well adapted for battery installation.

Complete data on Ideal Boilers and American Radiators are contained in the Ideal Fitter and special technical catalogs. Any branch of the company or the Advertising Department, 1807 Elmwood Avenue, Buffalo, New York, will be pleased to forward any of these catalogs on request.

Steam		Water		Grate Area	Fuel Capacity	Total Length	Steam Outlets	Water Outlets	Steam Inlets	Water Inlets	Chimney Size	Chimney Height
Number of Boiler	Rating Steam Sq. Ft.	Number of Boiler	Rating Water Sq. Ft.	Sq. Ft.	Lbs.	"L." In.	No. and Size	No. and Size	No. and Size	No. and Size	Ins.	Ft.
S-2308-S	1,050	W-2308-S	1,650	4.64	281	33	1-4	1-4	2-3	2-3	12 x 12	35
S-2309-S	1,200	W-2309-S	1,875	5.28	320	37	1-4	1-4	2-3	2-3	12 x 12	35
S-2310-S	1,350	W-2310-S	2,100	5.92	359	41	1-4	1-4	2-3	2-3	12 x 12	35
S-2311-S	1,500	W-2311-S	2,325	6.56	398	45	1-4	1-4	2-3	2-3	12 x 12	40
S-2312-S	1,650	W-2312-S	2,550	7.20	437	49	1-4	1-4	2-3	2-3	12 x 12	40
S-2907-S	2,400	W-2907-S	3,900	7.26	523	42	1-5	2-5	2-4	2-5	16 x 16	40
S-2908-S	2,800	W-2908-S	4,550	8.47	611	48	1-5	2-5	2-4	2-5	16 x 16	45
S-2909-S	3,200	W-2909-S	5,200	9.68	699	54	2-5	2-5	2-4	2-5	16 x 20	50
S-2910-S	3,600	W-2910-S	5,850	10.89	787	60	2-5	2-5	2-4	2-5	16 x 20	55
S-2911-S	4,000	W-2911-S	6,500	12.10	875	66	2-5	2-5	2-4	2-5	20 x 20	60
S-3608-S	4,450	W-3608-S	7,300	10.50	972	48	2-6	2-6	2-4	2-6	20 x 20	50
S-3609-S	5,100	W-3609-S	8,400	12.00	1,116	54	2-6	2-6	2-4	2-6	20 x 20	55
S-3610-S	5,750	W-3610-S	9,500	13.50	1,260	60	2-6	2-6	2-4	2-6	20 x 20	55
S-3611-S	6,400	W-3611-S	10,600	15.00	1,404	66	2-6	2-6	2-4	2-6	20 x 20	60
S-3612-S	7,050	W-3612-S	11,700	16.50	1,548	72	2-6	2-6	2-4	2-6	20 x 24	60
S-3613-S	7,700	W-3613-S	12,800	18.00	1,692	78	2-6	2-6	2-4	2-6	20 x 24	65
S-3614-S	8,350	W-3614-S	13,900	19.50	1,836	84	2-6	2-6	2-4	2-6	20 x 24	70
S-3615-S	9,000	W-3615-S	15,000	21.00	1,980	90	2-6	2-6	2-4	2-6	24 x 24	75
S-4807-S	9,000	W-4807-S	14,500	21.60	1,770	68 1/2	3-6	3-6	4-4	4-6	24 x 24	70
S-4808-S	10,250	W-4808-S	16,500	25.23	2,065	79 1/4	3-6	3-6	4-4	4-6	24 x 24	75
S-4809-S	11,500	W-4809-S	18,500	28.86	2,360	90	3-6	3-6	4-4	4-6	24 x 28	80
S-4810-S	12,750	W-4810-S	20,500	32.49	2,655	100 1/4	3-6	3-6	4-4	4-6	24 x 28	85
S-4811-S	14,000	W-4811-S	22,500	36.12	2,950	111 1/2	4-6	4-6	4-4	4-6	28 x 28	95
S-4812-S	15,250	W-4812-S	24,500	39.75	3,245	122 1/4	4-6	4-6	4-4	4-6	28 x 28	100
S-4813-S	16,500	W-4813-S	26,500	43.38	3,540	133	4-6	4-6	4-4	4-6	28 x 32	105
S-4814-S	17,750	W-4814-S	28,500	47.01	3,835	143 1/4	4-6	4-6	4-4	4-6	28 x 32	110
S-7909-S	14,000	W-7909-S	22,000	29.52	1,071	60	2-10	2-10	1-4	2-10	24 x 24	80
S-7910-S	15,500	W-7910-S	24,500	32.80	1,194	66	2-10	2-10	1-4	2-10	24 x 24	85
S-7911-S	17,000	W-7911-S	27,000	36.08	1,305	72	2-10	2-10	1-4	2-10	24 x 28	90
S-7912-S	18,500	W-7912-S	29,500	39.36	1,428	78	2-10	2-10	1-4	2-10	24 x 28	95
S-7913-S	20,000	W-7913-S	32,000	42.64	1,551	84	2-10	2-10	1-4	2-10	24 x 28	100
S-7914-S	21,500	W-7914-S	34,500	45.92	1,674	90	2-10	2-10	1-4	2-10	28 x 28	105
S-7915-S	23,000	W-7915-S	37,000	49.20	1,797	96	2-10	2-10	1-4	2-10	28 x 28	110
S-7916-S	24,500	W-7916-S	39,500	52.48	1,920	102	2-10	2-10	1-4	2-10	30 x 30	115
S-7917-S	26,000	W-7917-S	42,000	55.76	2,043	108	2-10	2-10	1-4	2-10	30 x 30	120

*Two 3 1/4-inch and two 4-inch.

†Four 3 1/4-inch and two 4-inch Safety Valve sizes accord with A. S. M. E. Boiler Code.