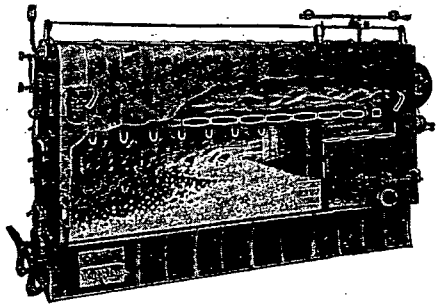
Weil-McLain

SCIENTIFIC COMBUSTION

BOILERS

WEIL-McLAIN COMPANY — **Manufacturing Division** Michigan City, Ind., Erie, Pa. — **General Offices** Chicago, Ill.



Smokeless Type

Weil-McLain Long Firing Period Smokeless Boilers are now making smokelessness popular with everyone—for three primary reasons:—

First: They require considerably less firing attention than smokeless boilers in general.

Second: They are simple to fire.

Third: They are not limited to free burning types of soft coal for effective operation.

STEAM		WATER		Area Complete Firebox at Grate Sq. Ft.	Net Area of Fuel Grates Sq. Ft.	Water Line Height Inches	Outlets and Inlets Number and Size Each Inches	Recommended Chimney Sizes
Size	Rating Sq. Ft.	Size	Rating Sq. Ft.					
722-S	1810	722-W	2990	7.03	4.88	46	2-3½	12x12x40
822-S	2105	822-W	3475	8.11	5.96	46	3-3½	12x12x45
922-S	2400	922-W	3960	9.19	5.96	46	3-3½	12x12x50
1022-S	2695	1022-W	4445	10.26	7.03	46	4-3½	12x12x55
752-S	2460	752-W	4060	8.10	5.70	51	2-3½	12x12x45
852-S	2995	852-W	4940	9.30	6.90	51	3-3½	12x16x45
952-S	3530	952-W	5825	10.50	6.90	51	3-3½	16x16x45
1052-S	4065	1052-W	6710	11.70	8.10	51	4-3½	16x16x50
782-S	4210	782-W	6950	11.47	7.97	55	2-4	16x16x50
882-S	5060	882-W	8350	13.22	9.72	55	3-4	16x16x55
982-S	5800	982-W	9570	14.97	11.47	55	3-4	16x20x55
1082-S	6550	1082-W	10,810	16.72	13.22	55	4-4	16x20x60
704-S	6800	704-W	11,200	15.00	11.40	57	2-5	20x20x60
804-S	7850	804-W	12,900	17.50	13.90	57	3-5	20x20x65
904-S	8900	904-W	14,600	20.00	16.40	57	3-5	20x20x65
1004-S	9950	1004-W	16,300	22.50	18.90	57	4-5	20x24x65
1104-S	11,000	1104-W	18,000	25.00	18.90	57	4-5	20x24x65
1204-S	12,000	1204-W	19,650	27.50	21.40	57	5-5	20x24x70
1304-S	13,000	1304-W	21,300	30.00	21.40	57	5-5	24x24x70
844-S	8480	844-W	13,990	20.85	15.35	58	3-5	20x20x60
944-S	9605	944-W	15,850	23.60	18.10	58	3-5	20x20x65
1044-S	10,730	1044-W	17,700	26.35	20.85	58	4-5	20x20x70
1144-S	11,855	1144-W	19,550	29.10	20.85	58	4-5	20x24x70
1244-S	12,980	1244-W	21,400	31.85	23.60	58	4-5	24x24x70
1344-S	14,105	1344-W	23,275	34.60	23.60	58	4-5	24x24x75
1444-S	15,230	1444-W	25,125	37.35	23.60	58	5-5	24x24x75
1544-S	16,225	1544-W	26,770	40.10	23.60	58	5-5	28x28x75
1644-S	17,125	1644-W	28,250	42.85	23.60	58	5-5	28x28x80

The Vinco Company, Inc.

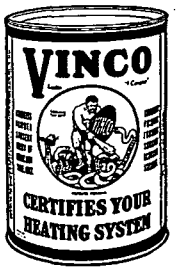
75 Vesey Street, New York, N. Y.

CABLE ADDRESS—Vincomp, New York

Vinco for Internal Cleansing of New, Remodeled and Old Heating Systems

Vinco Superfine Boiler Leak Seal





What Vinco Is

VINCO (Latin, "I conquer"), a positively harmless insoluble powder cleanser for new, remodeled and old heating systems.

What Vinco Does

VINCO permanently removes all the oil, grease, scale and dirt from the internal surfaces and from the boiler water *without the labor of blowing boilers over the top.*

By this thorough cleansing Vinco stops foaming, priming, surging, incomplete circulation and poor radiation.

The heating system is thus enabled to function in the best manner permitted by the design.

Cracked boiler sections, which most often result from priming, and sudden slugs of cooled water, are prevented.

How Vinco Works

Each minute grain of VINCO powder absorbs several times its own weight of oil, rust and dirt. These larger grains of absorbed impurities then settle and are blown through the bottom, according to directions on each can.

Vinco for all New and Remodeled Systems

Gives the heating system a clean bill of health from the start and puts every well-engineered system into first class operating condition before turning over to the owner. Use these specifications:

Vinco Specifications for Steam and Vapor Systems

Cleaning the System—Upon completion of the installation, the contractor shall clean the system by the VINCO method to remove oil, grease, rust and dirt from the boiler using,*.....lb. of VINCO, in exact accordance with manufacturer's directions.

This compound must remain in the boiler for 36 actual steaming hours, which corresponds to six or seven days average operation. At the end of this period, boiler must be thoroughly drained and flushed before refilling with clean water.

*In writing specification, insert in this space number of pounds of VINCO to be used in accordance with the following schedule. For systems having:

Up to	350	sq. ft. of	*radiation	3 lb.
351 "	600	" "	"	5 "
601 "	1100	" "	"	8 "
1101 "	1400	" "	"	10 "
1401 "	1800	" "	"	13 "
1801 "	2100	" "	"	15 "
2101 "	2700	" "	"	18 "
2701 "	3100	" "	"	20 "
3101 "	3700	" "	"	23 "
3701 "	4200	" "	"	26 "
4201 "	4600	" "	"	28 "
4601 "	5000	" "	"	30 "

Above 5000 sq. ft. use an additional pound of VINCO for each additional 300 sq. ft. of radiation.

*In determining amount of VINCO to be used all radiation may be taken at actual rating.

Vinco Specifications for Hot Water Systems

Cleaning the System—Upon completion of the installation, the contractor shall clean the system by the VINCO method using **.....lb. of VINCO in exact accordance with manufacturer's special directions for hot water systems, given on their cans.

**Only one half above quantities required for hot water systems.

Vinco for Old Systems

Annual cleaning of the old heating system adds years of life to the boiler, prevents rust deterioration and saves much fuel and fire attendance.

For old systems use only one half quantities given in specification table.

Our Free "Certified Chemically Correct" Laboratory Service

VINCO and the free services of the VINCO laboratories give you the assurance that the boiler water is chemically correct. Then if the boiler still foams, throws water or does not perform properly, it is time to look for mechanical flaws.

We promptly diagnose and permanently correct water line troubles due to impure water. Groping in the dark, guesswork, needless piping changes and recriminations are thus eliminated.

Our Three-fold Guarantee

1. VINCO contains no potash, lye, soda of any kind, oil, acid, or other harmful ingredients.
2. VINCO meets every performance claim. Purchase price is refunded if results are not entirely satisfactory when VINCO has been used according to directions.
3. Your time, money and comfort are further safeguarded by our free laboratory service which sees the most puzzling "water line" problem through with you if you wish.

Vinco Distributors

VINCO is distributed nationally by Burnham Boiler Corporation, Crane Company, United States Radiator, National Radiator. It is sold through leading jobbers in the United States.

Patents are pending upon the product and method o application. Unlawful imitation will be prosecuted.

Vinco Superfine Liquid Boiler Seal

A new and better leak seal, evolved by the same original research and authoritative science responsible for VINCO Boiler Cleanser. It will give the same prompt, sure results. It makes speedy and permanent repairs of all boiler and heating system leaks.

It is fine to tighten up new jobs. The directions are simple to follow.



QUANTITIES

Steam and Vapor Systems

Use 1 quart VINCO Liquid Boiler Seal to each 6 sq. ft. *grate* area.

Hot Water Systems

Use 2 quarts VINCO Liquid Boiler Seal to each 6 sq. ft. *grate* area.