The Vinco Company, Inc.

75 Vesey Street, **New York, N. Y.**

TELEPHONE—Cortlandt 1995 CABLE ADDRESS—Vincomp, New York

Vinco for Cleaning New, Remodeled and Old Heating Systems

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What Vinco Is

VINCO (Latin, "I conquer"), an insoluble powder, is a simple, safe, inexpensive and sure cleanser for new, for remodeled and for old systems.

What Vinco Does

VINCO stops foaming, priming, surging, sluggish steaming, clicking of pipes, incomplete circulation and poor radiation by removing oil, grease, scale and dirt from the internal surfaces, *without having to blow boilers over the top.*

Prevents cracking of boiler sections which often results from priming and sudden slugs of cold water.



TRADE-MARK
Reg. U. S. Pat. Off.

How Vinco Works

The minute particles of VINCO powder extend throughout the boiler water. These particles attract, absorb and hold the oil, rust and dirt in the boiler, uniting to form flocculent masses of the arrested impurities. These masses settle when the fire is banked at night and are easily removed by drawing off a pail of water, than refilling to restore the level, for six mornings. The unused VINCO remains in the boiler water.

A few hours after VINCO is applied the foaming is checked, enabling the boiler to deliver dry steam to the radiators and piping. *Dry steam* entering these parts of the system *emulsifies the Oil* adhering to the surfaces, carrying it back to the boiler through the return piping. The rust and dirt having lost the oil binder cannot adhere and are carried back to the boiler to be disposed of by VINCO.

Vinco for New and Remodeled Systems

Is simple to use, gives sure results. *No more blowing boilers over the top.* A great time and labor saver. For the Initial "Breaking In" VINCO gives the heating system a clean bill of health from the start. It assures positively that the internal surfaces are not and will not quickly become fouled.

Treatment with VINCO puts every well-engineered system into first class operating condition before turning over to the owner, for it quickly develops the best performance permitted by the design.

The conspicuous success of VINCO comes from its ability to *permanently* remove causes as well as effects, completely, at insignificant cost and without the slightest harm to any part of the system. A first demonstration of VINCO proves that its use should be standard practice.

Vinco for Old Systems

Annual cleaning of the old system prolongs boiler life and maintain original efficiency; prevents rust deterioration; scale and dirt insulated boilers—therefore saves your client fuel and fire attendance. *For old systems use only one half quantities given in table.*

Vinco Distributors

VINCO is stocked by the foremost jobbers in the United States and may be ordered direct from the manufacturers.

Our Guarantee

VINCO meets every performance claim; is a big money saver; contains no potash, lye, soda of any kind, oil, acid or other harmful ingredient.

Purchase price refunded if results are not entirely satisfactory. Patents are pending upon the product and method of application. Unlawful imitation will be prosecuted.

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.



1½, 3, 5, and 10 lb. cans only

*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.

For safety and full benefits specify by name and see that the material comes from 1½, 3, 5 or 10 lb. lithographed cans bearing our name and registered trade-mark as shown.

SEND FOR COMPLETE LITERATURE

Aladdin Utilities Corporation

157 N. Michigan Ave., **Chicago, Ill.**

QUIET **Aladdin**

***Uniform* Fuel-Oil Heat**

General Description

Aladdin is an atomizing type of oil burner. It is not restricted to special grades of volatile oil, but will satisfactorily burn a wider range of oil of heavier gravity. It is equally satisfactory for steam, hot water or warm air furnaces.

Compressed Air Atomizations

Aladdin admits the oil into a stream of compressed air which produces a fine spray that lights instantly and burns cleanly. No high speed mechanism or small orifices. Nozzle is automatically cooled and scoured clean. Aladdin's compressed air atomizer will give no trouble.

Uses a Centrifugal Fan

To accurately measure the supply of air, Aladdin uses a centrifugal fan.

Circulating Oil System

A positive pressure circulating pump draws direct from main storage tank and supplies burner, returning surplus oil to storage. This eliminates hand pumping and the uncertainty of gravity feed.

Fire Brick Combustion Chamber

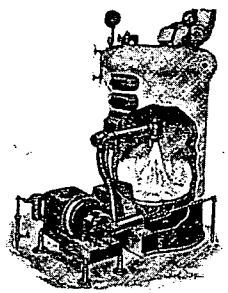
To maintain an oil flame of sufficient temperature for efficiency, Aladdin uses a fire brick combustion chamber.

Lubricated Under Pressure

The air compressor of Aladdin is automatically oiled with lubricating oil circulated under pressure. This assures long life and quiet operation of motor unit.

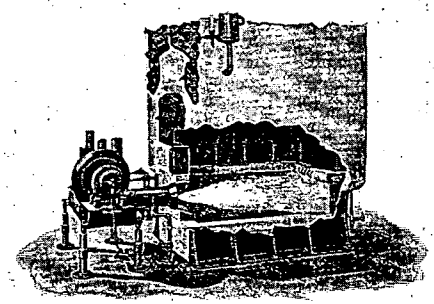
Newest Mercoid Controls

Aladdin uses Mercoid equipment—the last word in safety control. These appliances illustrate the high standard of engineering which characterizes Aladdin throughout.



Model K—Down Draft

Radiation up to 2000 sq. ft. Aladdin Down Draft forces flame down into boiler. Long flame travel and heat applied to bottom of fire pot, where coal boiler does about 76 per cent of its work. Secondary application of volume air results in not only an effective flame but quiet combustion. Safety control is Mercoid type "S. A." Stack Safety.



Models G and H

Horizontal projection is provided for horizontal boilers. Radiation, Model G up to 2500 sq. ft., Model H up to 4200 sq. ft. Mercoid Visaflame type "L" Safety Switch—the latest development in safety appliances.

Listed as standard by the Underwriters' Laboratory. Approved by the New York Board of Standards and Appeals. Approved by the Massachusetts Department of Public Safety.