Staynew Filter Corporation

Air Filters for Buildings and Mechanical Equipment

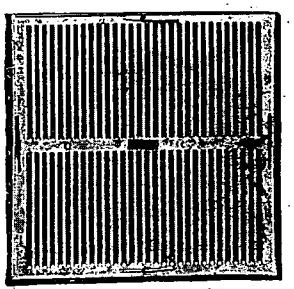
6 Leighton Avenue, **Rochester**, N. Y.

Products—

Protectomotor Dry Type Positive Filters for removing dust, dirt and foreign matter from small or large volumes of air at atmospheric or at higher or lower pressures. Made in various types and sizes for buildings, windows, oxygen chamber in hospitals, furnaces, pipe lines, air compressors, diesel engines, blowers, motors, pneumatic systems, air brakes, etc.

Operation—

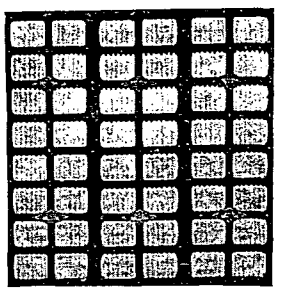
The efficiency of Protectomotor Air Filters is exceptionally high due to their large filtering surface within a relatively small space. The intake air currents move parallel to the filtering surface at very low velocity, so that the dust and dirt are not packed on to the felt, but remain in a loose and porous condition, which permits the air to pass through the accumulated dust and dirt quite as readily as through the felt itself. Dust and dirt do not enter pores of felt, which is of extremely fine texture.



Protectomotor Building Filter

Efficiency—

Due to the low air velocity and the fine texture of the felt, practically complete removal of dust is obtained. An exceptionally high efficiency is maintained, even on fine air-floated dust. Efficiency is not greatly affected by continuous service, nor by any change in volume of air passed.



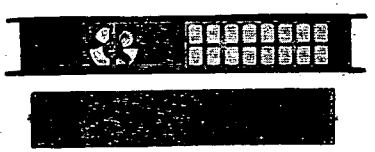
Multi-V-Type Building Filter

Pressure Drop—

Resistance to the flow of air is less than ¼ in. water gauge when operated at rated capacity. Less pressure drop, when required, may be obtained by using an oversize filter.

Cleaning—

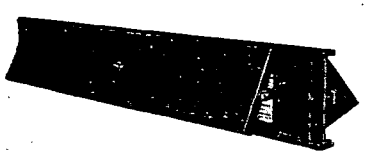
Under ordinary conditions filters operate from six months to a year without attention. A special cleaning device enables the material collected on the filtering surface to be very quickly and completely removed by compressed air or vacuum cleaner. The material may be reclaimed, if valuable, without contamination, since no sticky or adhesive oils are used. No spare parts or cleaning tanks are necessary. Less than two minutes' time, per 1000 cu. ft. per minute of air capacity, required for cleaning. Filters may be cleaned while in operation, without removing filtering units.



Protectovent Window Ventilator
One filter cell removed, exposing one of the fans and motors

Application—

All filter units or filter assemblies are complete in weatherproof housing, ready to attach to air intake pipe for application to engines, compressors, etc. For building ventilation, equipment is easily adapted to space available.



Diagonal view showing adjustable ends storm hoods, filter and deflector plate. Note the large, active surface

The Vinco Company, Inc.

305 East 45th Street — New York, N. Y.

VINCO Boiler Cleanser

A positively harmless insoluble powder cleanser for new, remodeled and old heating systems. A unique, scientifically processed compound of ingredients, on a special formula not to be confused with other powder boiler cleaners.

ADOPTED BY

American Radiator Corp.
American Gas Products Co.
Barnes & Jones
Boynton Furnace Co.
**Burnham Boiler Corp.*
Gorton Heating Co.
Hart & Crouse Co.
Heggie-Simplex Boiler Co.
Hoffman Specialty Co.
Ideal Boiler Co.
International Boiler Works
Kewanee Boiler Corp.
**National Radiator Corp.*
Petroleum Heat & Power Co.
Sarco Co.
**Standard Sanitary Mfg. Co.*
The Thatcher Co.
Thermo Service, Inc.
Titusville Iron Works Co.
**United States Radiator Corp.*
The Vapor Heating Co.
The Vapor Engineering Co.
and many others.

**Vinco Distributors.*



Distributed by Boiler Manufacturers and Jobbers. Sold only in our trade-marked cans like above.

VINCO BOILER CLEANSER	VINCO LEAK SEAL
Packed in 1½, 3, 5 and 10 lb. cans	Packed in 1 qt. cans only

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.

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 Specifications for New and Remodeled 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.

When VINCO is first introduced, have a low fire—just enough for the water to simmer—for three or four hours. After this, pressure can be raised.

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.

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

VINCO Boiler Leak Seal

A different liquid leak seal. Unique in that it does not induce priming and foaming. It has no unpleasant smell. It makes speedy and permanent repairs of all boiler and heating system leaks. 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 square feet *grate* area.

Hot Water Systems

Use 2 quarts VINCO Liquid Boiler Seal to each 6 square feet *grate* area.

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 quantities in specification table 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.

Our Free Laboratory Service

Saves thousands of dollars by analyzing the boiler water *before* making needless mechanical changes. If desired, the boiler water is again examined *after* the VINCO treatment is completed, and "certified chemically correct" for boiler operation. Then if the boiler still primes, foams, or surges, look for mechanical flaws. (Write for details.)

Our Three-fold Guarantee

1. VINCO contains no potash, lye, soda of any kind, oil, acid, or other harmful ingredients. (*See most recent publications of leading boiler manufacturers advising against use of acids or alkali in boilers*).
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.