

HOFFMAN
No 1



- READ THE ENCLOSED DIRECTIONS CAREFULLY
1. Air vented in a jiffy—fuel saved.
 2. No hissing or pounding—all radiators hot.
 3. No sputtering of water or steam.
 4. Radiators will heat up rapidly.
 5. No adjustment necessary. Easy to install.
 6. Guaranteed for 1 year.



THE HOFFMAN No. 1 AIR VALVE
RECOGNIZED LEADER FOR YEARS



THE WATCHMAN
OF THE
COAL PILE



HOFFMAN No 1
AIR VALVE

HOFFMAN No 1
AIR VALVE

No.
1

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No. 1 Hoffman Siphon Air Valve

The function of this valve is to freely vent all air from a radiator used on a one pipe low pressure steam heating system, to likewise prevent leakage of water, and to close tightly the instant steam comes in contact with the valve.

MANUFACTURER'S TEST

The valve contained in this package has been tested with air, steam, and water before leaving factory. We deliver this valve to you knowing it will function perfectly when installed and operated under conditions for which it is designed.

GUARANTEE

This valve carries a rigid guarantee, covering defects in **manufacture**.

Satisfactory operation of the valve is also guaranteed if it is installed by a competent heating or plumbing contractor in accordance with our printed directions.

If at any time within one year from date of installation, this valve should develop defects in manufacture or fail to operate satisfactorily when installed under the conditions set forth above, we will, at our option, repair or replace the valve without charge.

Valves returned in a **mutilated condition will not** be considered defective and are not covered by the **guarantee**.

INSTALLATION

The Valve Siphon should first be inserted in radiator as illustrated in Figure 1. Bending or removing the Siphon will render this valve inoperative. After Siphon is inside of the radiator, turn the valve until one or two threads are made up. Then apply white lead or several drops of machine oil, after which joint may be made up tightly with the valve into the position indicated in Figure 2. The siphon on this valve will fit all standard radiators.

If any difficulty is encountered in freely inserting siphon, notify us, giving make and type of radiator, and another valve with special siphon will be furnished or suggestions made to overcome the difficulty.

Bending, shortening, or removing the siphon tube renders the valve inoperative and guarantee will not apply.



Fig. 1



Fig. 2

CLEANING AND COATING SYSTEM

Before installing this valve on radiator it is recommended that the entire heating system be thoroughly cleaned.

Many engineers and heating contractors are today recommending compounds for cleaning the system which contain no ingredients that can harm any part of the heating apparatus but which absorb the oil, dirt and any other matter that causes foaming, priming, and also retards the formation of steam or vapor.

* If compounds are used, care should be taken that the compound selected will not affect the free venting of air through vent port of this valve owing to chemical deposit.

COMMON CAUSES OF TROUBLE AND REMEDY

Dirt and oil, if present in the heating system, are likely to prevent proper functioning of Venting Valves as the oil, scale or core sand may be carried up into the Valve with steam or water.

Should this Valve leak steam or water, or fail to vent air satisfactorily, dirt is the probable cause. In such cases we recommend that the valve be cleaned by means of Airigater, a fluid made especially for cleaning air valves, and which is made by the Airigater Company, 30 N. La Salle St., Chicago, Illinois. It is also sold by practically all Heating and Plumbing Contractors. If Airigater is not available, the valve may be cleaned by soaking it in gasoline for several hours, then alternately fill valve with water and shake it out until all dirt has been washed out. It is suggested that the washing be done in a white sink or lavatory in order to observe when the water shaken from the valve contains no particles of dirt.

HOFFMAN SPECIALTY COMPANY, Inc.

GENERAL SALES OFFICE CHRYSLER BLDG. NEW YORK CITY

MAIN OFFICE AND FACTORY - WATERBURY, CONN.

Representatives in Principal Cities