Pierce, Butler & Pierce Mfg. Corp.

41 East 42nd St. NEW YORK CITY

Factories:
Eastwood, Syracuse and Oswego, N. Y.; Huntingdon, Pa.; Zanesville, O.

Branch Offices:
New York, Brooklyn, Syracuse, Newark, Worcester, Boston, Philadelphia, Detroit, New London, Pittsburgh

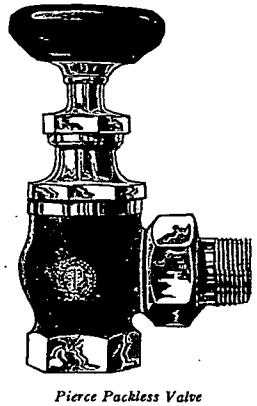
Radiator valves, high pressure valves, hot water valves, hot water thermometers, pressure gages.

The Pierce Packless Valve

A Few of Its Outstanding Features

The stem disc (See the illustration) is made of fibre and is heat, steam and moisture proof. It is carried on a stem seat which is an integral part of the stem. This stem seat receives uniform pressure from a spring thereby seating and sealing the disc on the machined under-surface of the valve top. *Steam and water cannot escape.*

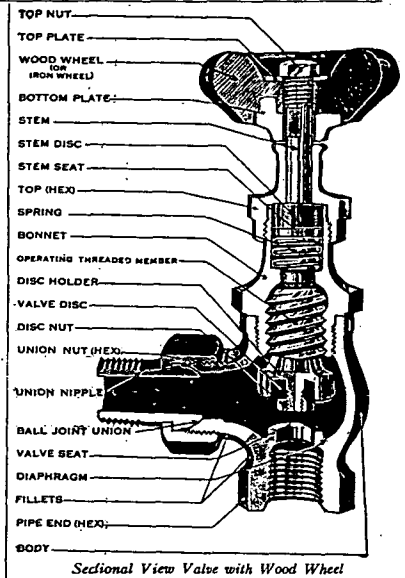
The steam disc can be renewed in a few minutes (if after years of service there appears need of renewal) *without shutting off or interfering with the steam line.*



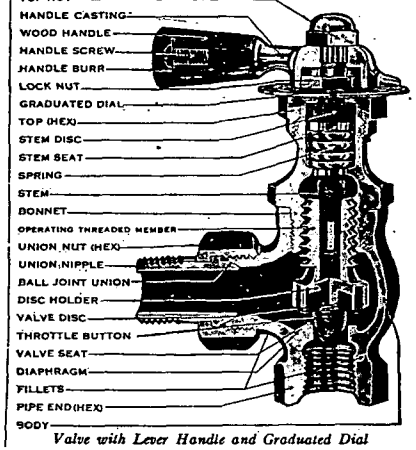
Pierce Packless Valve

The valve opens and closes with one turn of the handle. The type provided with lever handle graduated dial is widely used on vapor systems. Provision is made for modulation with exact relation to conditions.

The Pierce Valve is of heavy proportions with strong hex's and walls. It is made from high grade bronze castings and nickel plated before assembly, thereby avoiding deposits of nickel salts in working parts. Its joints are graphited before setting up and are accordingly easy to take apart. All parts are machined to precision under gage limits and inspection.



Sectional View Valve with Wood Wheel



Valve with Lever Handle and Graduated Dial

The John Call Company

VENTILATING SPECIALISTS

128 North Franklin Street PHILADELPHIA, PA.

BRANCHES IN ALL PRINCIPAL CITIES

ROOF VENTILATORS AND WINDOW VENTILATORS



Products

The Liberty Ventilator. A roof ventilator for any type building or enclosure, such as Schools, Hospitals, Foundries, Barns, Churches, Armories, Residences and similar structures.

Also highly efficient for increasing draft in chimneys, flues, stacks, etc. Back drafts impossible, regardless of wind conditions. Rain or snow cannot penetrate. No moving parts to rattle or require attention. Substantially and staunchily built of any metal desired. Large stocks for prompt shipment.

The Pul-Air Impingment Ventilator



The Pul-Air Ventilator

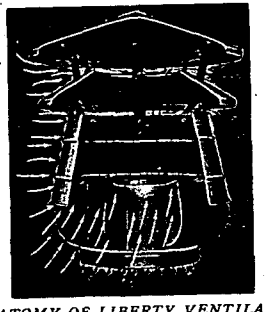
A good practical roof ventilator of the mushroom type, consisting of a double-cone top. Scientific storm band and impingment band. Made in every size and of any metal. Strongly built. Large stocks carried. Will not back draft; maximum of free areas.

THE LIBERTY VENTILATOR



LIBERTY VENTILATOR

Good architectural lines and symetry



ANATOMY OF LIBERTY VENTILATOR—showing positive venturi action. White arrows indicate outside winds. Black arrows foul air being pulled out

Embraces all four principles of scientific ventilation:—1st, Impingment; 2nd, Positive and Negative sides of Ventilators; 3rd, Siphonage; 4th, Stack Action. A positive and complete venturi action.

The Liberty Ventilator combines the principles of siphonage and air impingment. This in conjunction with the positive and negative sides of the ventilator creates a vacuum to which the air is naturally sucked regardless of the direction of the wind. Stack action, also, is so accommodated as to accelerate this movement. The free areas of the Liberty ventilator create no resistant constant. Send for copies of tests conducted by Carnegie Institute of Technology, and Massachusetts Institute of Technology.

Send for catalogue and prices.