

Wright-Austin Co.

317 West Woodbridge St., Detroit, Mich.

PRODUCTS—Steam Traps, Strainers, Air Traps, Steam and Oil Separators, Compressed Air Purifiers, Exhaust Heads, Boiler Feeders, Alarm Water Columns, Water Gauges, Trycocks.

"Airxpel" Bucket Type Steam Traps

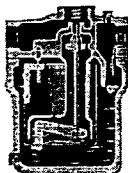
Are "double duty" traps, because they automatically discharge both air and condensate.



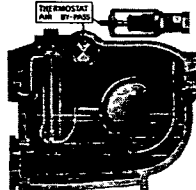
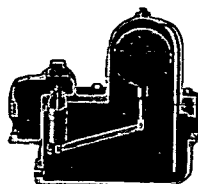
At left is illustrated the "Baby" Airxpel, a new streamline body design, which adds attractiveness to the installation. Has the handiest type of pipe connection for radiation, etc.

The Cub sizes are made in 1/2 in., 3/4 in., 1 in. Especially suitable for individual unit drainage on heating and process equipment.

Also three "Master" sizes 1/2 in. to 2 in., for general service.

**"Combination" Steam Trap**

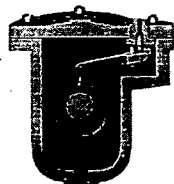
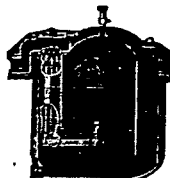
Float Type with internal thermostatic air bypass and strainer. A modern designed and very successful trap for vacuum and pressure heating.

**"Victor" Low Pressure Steam Trap**

For heavy volumes of condensation at low pressures.

"Emergency" Float Type Steam Trap

Three valve trap with large capacity at high pressures. An exceptionally reliable trap for use in inaccessible places.

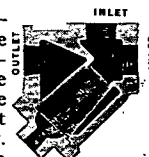
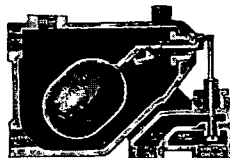
**Air Relief Trap**

For relieving air from forced circulation hot water heating systems, water supply lines, closed tanks, receivers, pumps, etc.

"Tuway" Strainer

May be used two ways—as a straight-way or angle strainer, in either horizontal or vertical pipe line, because it has the choice of two inlets at right angles to one another.

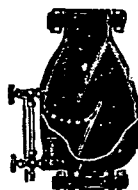
For cleaning, flush through blow-off connection, or remove screen by unscrewing bottom plug.

**Boiler Feeder**

An iron watchman that automatically maintains uniform water level in low pressure boilers.

Separators—Steam and Oil

Type "A" Vertical Steam



Type "S" Horizontal Oil



We make separators of every type. Send for descriptive Bulletins on any of the items listed on this page.

Yarnall-Waring Company

Philadelphia, Pa.

Branch Offices
in Principal
Cities

YARWAY

More than 100
Mill Supply Distributors
Throughout the U. S. A.

Manufacturers of the YARWAY Impulse Steam Trap

Principal Advantages of the Yarway Impulse Steam Trap

Light Weight—Yarway traps need no support—1/2 in. trap weighs only 1 1/8 lb. 2 in. trap weighs 8 1/2 lb.

Small Size—They practically eliminate radiation losses—can be installed in cramped quarters—1/2 in. trap measures 2 1/4 in. long—2 in. trap, 4 3/4 in. long.

Will not air bind.

Require no priming.

Insure quick heating.

Operate on exclusive Impulse principle (U. S. Patents No. 2,051,732. Other Pat. Pend.).

Low Price—Often cheaper than replacing old traps.

Six Sizes Serve Practically All Trap Requirements

Yarway Impulse Steam Traps in sizes from 1/2 in. to 2 in. are factory set for all pressures up to 400 lb. Simply select the correct size from the table below.

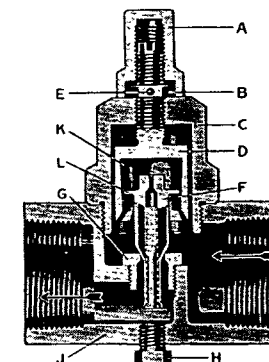
Operation—The Yarway Impulse Trap operates on an entirely new principle—the difference in flow characteristics of steam and water flowing through two orifices, with a chamber between. Movement of valve is governed by variations in pressure in the space above the valve, called control chamber—these changes in pressure occurring with changes in temperature of condensate.

When handling condensate, the pressure tending to lift valve is greater than reduced pressure in control chamber, and the valve opens. As accumulation of condensate disappears, remaining condensate approaches steam temperature, flashing takes place, the flow is choked and pressure builds up in control chambers, closing valve.

Construction—The Yarway Steam Trap is unique in that there is only one moving part—the simple valve F illustrated. This trap is made of "bar-stock" throughout—no castings used in its construction. Body is cold rolled steel, valve and seat are of heat treated stainless steel, bonnet and cap of hex tobis bronze.

Years of service of thousands of Yarway traps in leading plants have proven these materials suitable for the service.

A—Cap Nut
B—Lock Nut
C—Bonnet
D—Control Cylinder
E—Lock Pin
F—Valve
G—Control Chamber
H—Control Disc
I—Valve Seat
J—Test Plug
K—Body



Capacities—Maximum continuous discharge of condensate in pounds per hours at 30 deg. below steam temperature.

Pressure Pounds	1/2 In. No. 60	3/4 In. No. 61	1 In. No. 63	1 1/4 In. No. 64	1 1/2 In. No. 66	2 In. No. 67
10	475	825	1360	1910	2400	3425
20	650	1150	1725	2315	3050	4340
30	800	1375	1985	2650	3525	5050
40	900	1575	2220	2950	3950	5615
50	980	1725	2425	3200	4315	6100
60	1050	1850	2600	3425	4630	6525
70	1140	1975	2775	3660	4940	6930
80	1200	2080	2925	3875	5200	7260
90	1240	2175	3075	4075	5440	7600
100	1290	2260	3215	4280	5675	7850
125	1400	2460	3550	4760	6165	8530
150	1490	2640	3870	5175	6630	9075
200 to 400	1630	2900	4380	5960	7410	9950

Where greater capacity at low pressure is required, use two or more traps with check valve on discharge end of each trap.

Prices, Weights and Dimensions

Size	Trap Complete	Wt. Lb.	Length Inches
1/2 in. No. 60	\$15.00	1 1/8	2 3/8
3/4 in. No. 61	22.00	1 3/4	2 3/4
1 in. No. 63	31.00	2 1/2	3 3/8
1 1/4 in. No. 64	48.00	3 3/8	3 3/4
1 1/2 in. No. 66	68.00	6	4 1/4
2 in. No. 67	90.00	8 1/2	4 3/4

For further information, send for descriptive bulletin—T-1721.