

Yarnall-Waring Company

Manufacturers of

VARWAY

Steam Specialties

7600 Queen Street, Philadelphia 18, Pa.

YARWAY IMPULSE STEAM TRAPS

Construction—The Yarway Impulse Steam Trap is unique in that there is only one moving part, the simple valve F. This trap is made of bar stock throughout, no castings used. Body and bonnet of cold rolled steel, cadmium plated; cap of tobin bronze, valve and seat of heat treated stainless steel. For pressures 400 to 600 lb, trap is all stainless steel.

Operation—Movement of valve (F) is governed by changes in pressure in control chamber (K). At lower temperatures, condensate bypassing continuously through orifice in center of valve reduces chamber pressure below inlet pressure and valve opens, allowing free discharge of air and condensate through seat. As condensate approaches steam temperature, low chamber pressure causes vaporizing and the increased volume builds up pressure in control chamber, closing valve (F).

Advantages

Light Weight—Yarway traps need no support— $\frac{1}{2}$ in. trap weighs only 1 $\frac{1}{2}$ lb. 2 in. trap weighs 8 $\frac{3}{4}$ lb.

Small Size—They practically eliminate radiation losses—can be installed in cramped quarters— $\frac{1}{2}$ in. trap measures 2 $\frac{1}{4}$ in. long—2 in. trap, 4 $\frac{1}{4}$ in. long.

Will not air bind.

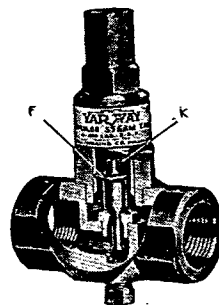
Require no priming.

Insure quick heating.

Operate on exclusive Impulse principle (U. S. Patents No. 2,051,732 and 2,127,649.)

Low Price—Often cheaper than repairing old traps.

Factory set to operate at all pressures up to 400 lb (or 600 lb) without change of valve seat.



List Prices, Weights and Dimensions

No. 60 Series—up to 400 lbs. and

No. 120 Series—up to 600 lbs.

Size	Trap Complete	Weight Pounds	Length Inches
$\frac{1}{2}$ " Nos. 60 or 120	\$15.00	1 $\frac{1}{4}$	2 $\frac{1}{2}$
$\frac{3}{4}$ " Nos. 61 or 121	22.00	2	3
1" Nos. 63 or 123	31.00	2 $\frac{1}{2}$	3 $\frac{1}{2}$
1 $\frac{1}{4}$ " Nos. 64 or 124	48.00	4	3 $\frac{1}{2}$
1 $\frac{1}{2}$ " Nos. 66 or 126	68.00	5 $\frac{1}{2}$	4 $\frac{1}{2}$
2" Nos. 67 or 127	90.00	8 $\frac{1}{2}$	4 $\frac{1}{2}$

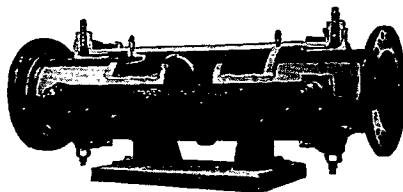
Send for descriptive Bulletin T-1738.

Yarway "Fine-Screen" Strainers offer better protection against rust, scale and dirt for all steam equipment.

Made in six standard sizes from $\frac{1}{2}$ in. to 2 in. Cadmium plated, inside and out. High grade Monel woven-wire screens. Many thousands in use. Write for Bulletin S-200.

YARWAY EXPANSION JOINTS

All-steel welded construction; light but strong. Chromium covered sliding sleeves.



Cylinder guide and stuffing box integral, assuring perfect alignment. Internal limit stops. Gun-pakt and Gland-pakt types: Gun-pakt (illustrated) fitted with screw guns which permit addition of plastic packing while joint is under pressure. Sizes 2 in. to 24 in., single end or double end, flanged or welding ends; 150, 300 and 400 lb pressures. Also all-brass joints, $\frac{1}{4}$ in. to 2 in. For additional details send for Bulletin EJ-1909.

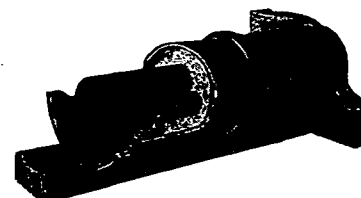
ADSCO
PRODUCTS
for STEAM
SERVICE

AMERICAN DISTRICT STEAM COMPANY

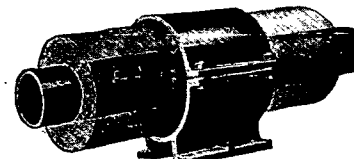
NORTH TONAWANDA, N.Y.

IN BUSINESS OVER SIXTY YEARS

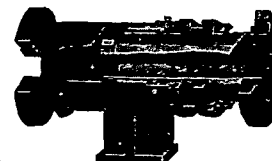
Branches and Agents in Principal Cities



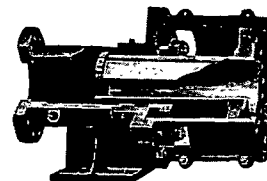
Tile Conduit with ADSCO Filter Insulation—a "Fiberglas" Product



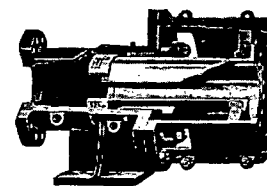
Alignment Guide



Internally Guided Joint



Internally-Externally Guided Joint



Piston-Ring Type Joint

OVER SIXTY YEARS EXPERIENCE IS BUILT INTO THE DESIGN AND MANUFACTURE OF DEPENDABLE ADSCO PRODUCTS FOR PIPE LINES

For over sixty years ADSCO engineers have specialized in the design and application of pipe fittings and accessory equipment for underground and surface steam, water, oil and other piping systems. An extensive, modern plant including foundry, machine shop, casing mill, shipping and storage facilities enable ADSCO to produce high grade products by skilled workmen under expert supervision.

LEADING MAKERS OF EXPANSION JOINTS

As pioneer manufacturers of expansion joints for pipe lines, ADSCO is the largest single producer of such equipment in the world. We offer the most extensive line of packless and slip type joints in various types to meet the requirements of any pipe line expansion and contraction problem. In addition, ADSCO produces all of the related equipment necessary to the permanent installation of efficient pipe lines, including tile conduit for underground lines, pipe supports, saddle plates, alignment guides, steam traps, condensation and flow meters, storage and instantaneous water heaters, strainers, manhole frames, and vapor heating specialties.

ENGINEERING ASSISTANCE

ADSCO engineers welcome the opportunity of working with industrial plants, utility companies, colleges, institutions, and government departments in the solution of their pipe line expansion and contraction problems and correspondence is invited giving the details of any proposed piping installation.

WRITE FOR ADSCO CATALOG No. 35

All ADSCO products are illustrated and described in the latest ADSCO Catalog No. 35 containing over 136 pages of informative data for the specification and purchase of dependable products for underground or surface pipe line distribution systems. Write for your copy today to the American District Steam Company, 65 Bryant St., North Tonawanda, New York.