

Morehead Manufacturing Co.

2455 W. Warren, Detroit 8, Mich.

MOREHEAD BACK-TO-BOILER SYSTEMS

TILT-TYPE RETURN TRAPS

TILT-TYPE NON-RETURN TRAPS

RETURN TRAP. Completely efficient method of draining all types of heating, cooking, drying, evaporating and processing machines. Returns hot condensate to boiler as boiler feed water at its original high temperature. Consumes only about 10 per cent of the steam required by a pump. Deaerates boiler feed water. Automatic operation. All parts are outside readily accessible.

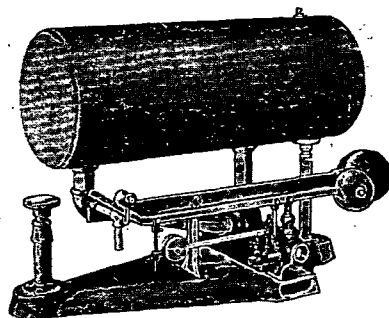
NON-RETURN TRAP. Primarily designed for drainage of steam headers, separators and all apparatus where the condensation is to be disposed of by means of the steam pressure from the space drained. Condensation flowing to the non-return traps forms a continuous path—once the tank tilts to empty, it will continue emptying as long as water continues to flow.

THREE-VALVE LIFT TRAP. Designed for draining condensate from low pressure, vacuum or varying pressure apparatus. Will also drain low pressure machines into higher pressure lines. Efficiently used as a lift trap in a double trap system. Lifts two feet for each pound of pressure. Will not steam or air bind. Not affected by temperature of incoming condensate.

WRITE DIRECT TO THE FACTORY for additional information and the name of your nearest Morehead representative.

VACUUM AND CONDENSER TRAPS

THREE-VALVE LIFT TRAPS



Morehead Return Trap. All traps are similar in appearance and size.

DIMENSIONS APPLICABLE TO ALL TYPES OF MOREHEAD TRAPS

Trap Size	Height Inches	Width Inches	Length Inches	Net Weight Pounds	Shipping Weight Pounds
1	24	16	31	120	165
2	28	17	35	160	225
3	34	21	44	240	320
4	36	21	51	285	350
5	39	30	58	500	690
6	40	30	58	520	700

DIMENSIONS AND CAPACITIES* OF MOREHEAD TRAPS

Trap Size			Size of Drum Inches	Size of Inlet and Outlet Connections Inches	Size of Steam Pipe Connections Inches	Capacity of Water in Lbs. Per Hour		
Return Trap	Non-Return Trap	Three Valve Lifting Trap				Return Traps	Non-Return Traps	Three Valve Lift Traps
1	21	31	10 x 24	1	1	1050	2800	3000
2	22	32	12 x 30	1 1/4	1	1850	5000	5000
3	23	33	14 x 36	1 1/2	1 1/4	4000	11000	10000
4	24	34	16 x 40	2	1 1/2	6000	13500	14000
5	25	35	18 x 42	2 1/2	2	11000	14700	20000
6	26	36	18 x 42	3	2	15000	17600	

* Based on 50 lbs pressure per sq in.

Yarnall-Waring Company

Manufacturers of

YARWAY

Steam Specialties

133 Mermaid Ave., 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. For pressures up to 400 lb, 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).

Other Advantages

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

Small Size—Can be installed in cramped quarters—1/2 in. trap measures 2 1/4 in. long—2 in. trap, 4 1/4 in. long.

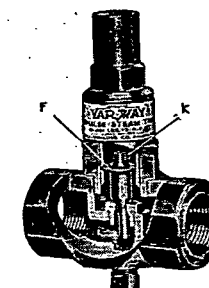
Will not air bind. Require no priming.

Insure quick heating.

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.

Send for descriptive Bulletin T-1739.



List Prices, Weights and Dimensions

No. 60 Series—up to 400 lb and

No. 120 Series—up to 600 lb

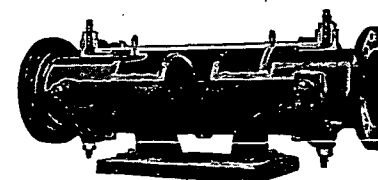
Size	Trap Complete	Weight Pounds	Length Inches
1/2" Nos. 60 or 120	\$15.00	1 1/2	2 3/4
3/4" Nos. 61 or 121	22.00	2	3 1/4
1" Nos. 63 or 123	31.00	2 1/2	3 3/4
1 1/4" Nos. 64 or 124	48.00	4	4 1/4
1 1/2" Nos. 65 or 125	68.00	5 1/2	4 1/2
2" Nos. 67 or 127	90.00	8 1/2	4 3/4

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

Made in ten standard sizes from 1/4 in. to 3 in. Cadmium plated bodies. High grade Monel woven-wire screens. Many thousands in use. Write for Bulletin S-201.

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, 3/4 in. to 2 in. For additional details send for Bulletin EJ-1912.