Vapor Car Heating Co, 80 E Jackson Blvd, Chicago 4, Ill.
Webster Tallmadge & Co Inc, 864 Glenwood Ave, East Orange, N. J.

THERMOSTATS, 2-TEMPERATURE

American Radiator & Standard Sanitary Corp, P O Box 1226, Pittsburgh 30, Pa.
Barber-Colman Co, Rockford, Ill.
• Brown Instrument Div, Minneapolis Honeywell Regulator Co, 4490 Wayne Ave, Phila 44, Pa.
Burling Instrument Co, Dept F, 253 Springfield Ave, Newark 3, N. J.
Detroit Lubricator Co, 5900 Trumbull Ave, Detroit 8, Mich.
General Controls Co, 801 Allen Ave, Glendale 1, Calif.
Johnson Service Co, 507 E Michigan St, Milwaukee 2, Wis.
• Mercoid Corp, 4201 Belmont Ave, Chicago 41, Ill.
Minneapolis Honeywell Regulator Co, 2753 Fourth Ave S, Minneapolis 8, Minn.
Perfex Corp, 500 W Oklahoma Ave, Milwaukee 7, Wisc.
Powers Regulator Co, 2771-D Greenview Ave, Chicago 14, Ill.
• Sarco Co Inc, Empire State Bldg, New York 1, N. Y.
Vapor Car Heating Co, 80 E Jackson Blvd, Chicago 4, Ill.
Webster Tallmadge & Co Inc, 864 Glenwood Ave, East Orange, N. J.

THERMOSTATS, WEATHER-COMPENSATING

Barber-Colman Co, Rockford, Ill.
• Brown Instrument Div, Minneapolis Honeywell Regulator Co, 4490 Wayne Ave, Phila 44, Pa.
Fulton Sylphon Co, Knoxville 15, Tenn.
General Controls Co, 801 Allen Ave, Glendale 1, Calif.
Johnson Service Co, 507 E Michigan St, Milwaukee 2, Wis.
Minneapolis Honeywell Regulator Co, 2753 Fourth Ave S, Minneapolis 8, Minn.
• Sarco Co Inc, Empire State Bldg, New York 1, N. Y.
Vapor Car Heating Co, 80 E Jackson Blvd, Chicago 4, Ill.
Webster Tallmadge & Co Inc, 864 Glenwood Ave, West Orange, N. J.

TIGHTENERS, BELT

Gifford-Wood Co, Hudson, N. Y.
• Jeffrey Mfg Co, 923-99 N Fourth St, Columbus 16, Ohio
• Link-Belt Co, 300 W Pershing Rd, Chicago 9, Ill.
• Stephens-Adamson Mfg Co, 8 Ridgeway, Aurora, Ill.

TILES, BOILER BAFFLE

Carborundum Co, Perth Amboy, N. J.
• Condenser Service & Engrg Co, Inc, 95 River St, Hoboken, N. J.
Engineer Co, 75 West St, New York 6, N. Y.
Laclede Christy Clay Products Co, Ambassador Bldg, St Louis
Mexico Refractories Co, Better Refractories Bldg, Mexico, Mo.
• Norton Co, 1 New Bond St, Worcester 6, Mass.
Pittsburg Johnstone Firebrick Co, 1800 Kingsbury St, Chicago 14.
Power Plant Efficiency Co, P O Box 592, Indianapolis 4, Ind.

TOOLS, MAINTENANCE

Billings & Spencer Co, 1 Laurel St, Hartford, Conn.
Black & Decker Mfg Co, Towson 4, Md.
Trimont Mfg Co, 55 Amory St, Boston 19, Mass.
Williams R & Co, 400 Vulcan St, Buffalo 1, N. Y.

TOWERS, COOLING

Bergen Point Iron Wks, Foot of W 8th St, Bayonne, N. J.
Blake Mfg Co, 2114-40 Carroll Ave, Chicago 12, Ill.
Carr, Clifford H, Co, 614 W 67th St, Kansas City 5, Mo.
Fluor Corp, Ltd, 2000 S Atlantic Blvd, Los Angeles 22, Calif.
Foster Wheeler Corp, 183 Broadway, New York 6, N. Y.
Graver Tank & Mfg Co Inc, 4800 Todd Ave, East Chicago, Ind.
Lilie-Hoffman Cooling Towers 4239 Duncan, St Louis 10.
Lummus Co, 420 Lexington Ave, New York 17, N. Y.
Marley Co, Inc, 5001 Fairfax Rd, Kansas City 15, Kans.
Marlo Coil Co, 6135 Manchester Ave, St Louis 10, Mo.
New England Cooling Tower Co, 80 Broad St, Boston 10, Mass.
Petroleum Iron Works Div, P O Box 3031, Beaumont, Texas
Phillips Cooling Tower Co, Inc, 114 Liberty St, N Y C 6, N. Y.
Pritchard, J F & Co, 908 Grand Ave, Kansas City 6, Mo.
Refrigerating Machinery Co, 522 Market St, San Francisco 5.
Santa Fe Tank & Tower Co, 5401 Bay Ave, Los Angeles 11.
Spraying Systems Co, 4021 W Lake St, Chicago 24, Ill.
Sturtevant, Div, Westinghouse Elec Corp, Hyde Park, Boston
Thermal Industries, P O Box 725, Indio, Calif.
Trane Co, LaCrosse, Wis.
Water Cooling Equip Corp, New Hampshire & Webster Rd, St Louis 23, Mo.
• Wheeler, C H Mfg Co, 18-06 Sedgley Ave, Phila 32, Pa.
Young Radiator Co, 700 S Marquette St, Racine, Wis.

TOWERS, LOADING, UNLOADING

American Hoist & Derrick Co, 63 S Robert St, St Paul 1, Minn.
Bergen Point Iron Wks, Foot of W 8th St, Bayonne, N. J.
Silent Hoist & Crane Co, 841 63rd St, Brooklyn 20, N. Y.

TRACTORS, COAL-PILING

• Allis-Chalmers Mfg Co, 1126 S 70th St, Milwaukee, Wis.
Bucyrus-Erie Co, South Milwaukee, Wis.
Caterpillar Tractor Co, 600 W Washington St, Peoria 8, Ill.
R. G. LeTourneau, Inc, Peoria, Ill.

TRANSFORMERS, ELECTRIC, INSTRUMENT

• Allis-Chalmers Mfg Co, 1126 S 70th St, Milwaukee, Wis.
• Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
Burlington Instrument Co, 214 N 4th St, Burlington, Iowa
Cross Hinds Co, Wolf & Seventh N, Syracuse 1, N. Y.
Electric Machy Mfg Co, 1331 NE Tyler St, Minneapolis 13, Minn.
General Electric Co, 1 River Rd, Schenectady 5, N. Y.
• Graybar Electric Co Inc, 420 Lexington Ave, N Y C 17, N. Y.
Jefferson Electric Co, Bellwood, Ill.
Raytheon Mfg Co, Waltham 54, Mass.
Sangamo Electric Co, Springfield, Ill.
Standard Transformer Co, Dana Ave, Warren, Ohio
Superior Electric Co, 83 Laurel St, Bristol 2, Conn.
• Westinghouse Electric Corp, Braddock Ave, East Pittsburgh.
Weston Electrical Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N. J.

TRANSFORMERS, ELECTRIC, POWER, AIR-COOLED

• Allis-Chalmers Mfg Co, 1126 S 70th St, Milwaukee, Wis.
• Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
France Mfg Co, 11525 Betea Rd, Cleveland 5, Ohio
General Electric Co, 1 River Rd, Schenectady 5, N. Y.
• Graybar Electric Co Inc, 420 Lexington Ave, N Y C 17, N. Y.
Hercules Electric & Mfg Co Inc, 2500 Atlantic Ave, Brooklyn 7, N. Y.
Jefferson Electric Co, Bellwood, Ill.
Standard Transformer Co, Dana Ave, Warren, Ohio
Wagner Electric Corp, 6400 Plymouth Ave, St Louis 14, Mo.
• Westinghouse Electric Corp, Braddock Ave, East Pittsburgh.

TRANSFORMERS, ELECTRIC, POWER, LIQUID-COOLED

• Allis-Chalmers Mfg Co, 1126 S 70th St, Milwaukee, Wis.
• Brown Boveri Corp, 19 Rector St, New York 6, N. Y.
General Electric Co, 1 River Rd, Schenectady 5, N. Y.
• Graybar Electric Co Inc, 420 Lexington Ave, N Y C 17, N. Y.
Standard Transformer Co, Dana Ave, Warren, Ohio
Wagner Electric Corp, 6400 Plymouth Ave, St Louis 14, Mo.
• Westinghouse Electric Corp, Braddock Ave, East Pittsburgh.

TRANSMISSIONS, VARIABLE SPEED, ELECTRIC

Robbins & Myers Inc, Springfield, Ohio
Raytheon Mfg Co, Waltham 54, Mass.

TRANSMISSIONS, VARIABLE SPEED, HYDRAULIC

American Blower Corp, Detroit 32, Mich.
Northern Ordnance Inc, 48th & Marshall Ave N E, Minneapolis
Oilgear Co, 1421 W Bruce St, Milwaukee 4, Wis.
Portman Machine Tool Co, 79 Portman Rd, New Rochelle, N. Y.
Waterbury Tool Div, Vickers, Inc, 185 E Aurora St, Waterbury 87, Conn.

TRANSMISSIONS, VARIABLE SPEED, MECHANICAL

• Allis-Chalmers Mfg Co, 1126 S. 70th St, Milwaukee 1, Wis.
American Pulley Co, 4200 Wissahickon Ave, Phila 29, Pa.
Falk Corp, 3001 W Canal St, Milwaukee 8, Wis.
• Link-Belt Co, 2045 W Hunting Park Ave, Phila 40, Pa.
Lovejoy Flexible Coupling Co, 5001 W Lake St, Chicago 44, Ill.
Morse Chain Co, 1037 Dudley Ave, Ithaca, N. Y.

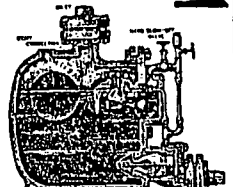
NICHOLSON

PISTON-OPERATED
STEAM TRAP

Preferred by Engineers Everywhere

Here's a positive, instantaneous, high-pressure trap which occupies smaller space yet has greater capacity than any other available. The discharge valve is non-wire-drawing type, being entirely open or closed at all times. All valves, seats and working parts are of stainless steel for long, trouble-free operation . . . for Super-Dryness and Super-Heat in the Super Power Plant.

Write for Catalog 44B



W. H. NICHOLSON & CO.
125 Oregon Street Wilkes-Barre, Pennsylvania.

Water COOLING TOWERS

Water Cooling Towers of Induced, Forced and Natural Draft Types, specially designed for individual requirements. Mechanical Draft Cooling Towers have interior construction of redwood, with the outside casing of wood, steel, transite or masonry to harmonize with building construction. All C. H. Wheeler Water Cooling Towers are guaranteed to withstand hurricane winds up to 100 miles per hour. In addition, water cooling performance and efficient operation with 0.2% water drift loss are also guaranteed. Send for Cat. No. 145.

C. H. WHEELER MFG. CO.
1000 Sedgley Avenue, Phila. 32, Pa.
REPRESENTATIVES IN MOST PRINCIPAL CITIES

C.H. Wheeler — OF PHILADELPHIA

• Philadelphia Gear Wks Inc, G St & Erie Ave, Phila 34, Pa.
Reeves Pulley Co, Columbus, Ind.
Robbins & Myers Inc, Springfield, Ohio
Standard Transmission Equip Co, 3407 Verdugo Rd, Los Angeles
• Stephens-Adamson Mfg Co, 8 Ridgeway, Aurora, Ill.
• Worthington Pump & Machy Corp, Harrison, N. J.

TRAPS, CINDER

• Green Fuel Economiser Co Inc, 227 Main St, Beacon, N. Y.
Maxim Silencer Co, 85 Homestead Ave, Hartford, Conn.
Research Corp, 405 Lexington Ave, New York, N. Y.

TRAPS, COMPRESSED-AIR

(See Also Separators)

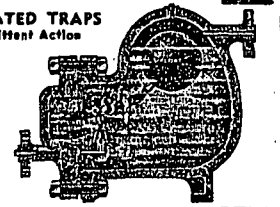
Anderson, V D, Co, 1234 W 96th St, Cleveland 2, Ohio
• Armstrong Machine Works, 819 Maple St, Three Rivers, Wis.
Clark Mfg Co, 1630 E 38th St, Cleveland 14, Ohio
• Dreyer Trap & Valve Co, 858 Madison Ave, New York 17
De Vilbiss Co, Toledo 1, Ohio
• Dollinger Corp, 82 Centre Park, Rochester 3, N. Y.
Illinois Engineering Co, Racine Ave. & 21st St, Chicago 8.
Kaye & McDonald Inc, St Franklin Ave, West Orange, N. J.
McAvlay Trap Co, Dept 702, 405 Penn Ave, Pittsburgh 22, Pa.
• Nicholson, W H, & Co, 126 Oregon St, Wilkes-Barre, Pa.
• Sarco Co, 475 5th Ave, N. Y.
Schrader's, A, Son, 470 Vanderbilt Ave, Brooklyn, N. Y.
• Squires, C H, Co, 46th St & Kelley Ave, Cleveland 3, Ohio
Sterling Engrg & Mfg Corp, 110 Business St, Hyde Park 30, Boston, Mass.
Templeton Mfg Co, Hyde Park 30, Boston, Mass.
Wright-Austin Co, Detroit 26, Mich.

NICHOLSON

WEIGHT-OPERATED TRAPS
Automatic-Intermittent Action

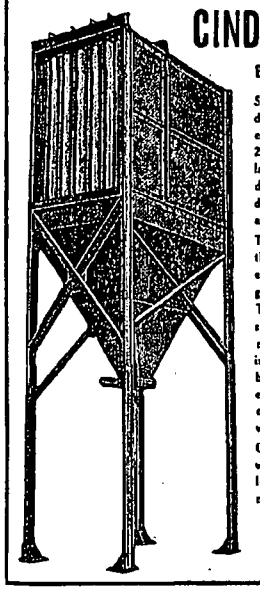
Modern power plants and refineries find this trap meets their many requirements. Model C is especially recommended for drainage Headers, Line Purifiers, Separators, Superheated Drains, Turbine Throttle Valve Drips, Pressure Reducing Valves, etc. Large capacity, positive action. Handles pressure up to 1500 lbs. at 1000° max. temperature.

Write today for Catalog 44B



W. H. NICHOLSON & CO.
125 Oregon Street Wilkes-Barre, Pennsylvania.

CINDERTRAPS
BY GREEN



Standard sizes of Green Cindertraps handle gases of boilers from 68 to more than 2000 hp. Cindertraps for larger plant applications are designed especially to suit definite service requirements and space limitations.

The Green Cindertrap is of the gravity baffle type for eliminating cinders from flue gases of stoker fired boilers. They consist of a battery of specially shaped steel elements set vertically, arranged in staggered rows and assembled in sections which are entirely enclosed in a steel casing. With no moving parts, wear is negligible.

Good recovery is effected with draft losses ranging from less than 0.1 in. to a maximum of 0.2 in.

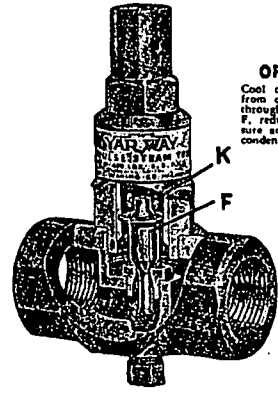
The Green Fuel Economizer Co., Inc.
Beacon 2, New York

YARWAY
IMPULSE STEAM TRAPS

With Yarway Impulse Steam Traps on the job, equipment not only gets hotter, sooner . . . it *stays hot*. That's because when condensate load is heavy, Yarways discharge *continuously* until the lines and jackets are cleared. Then when equipment reaches working temperature the discharge is *intermittent*, keeping it at peak efficiency.

The small size of Yarway traps permits easy installation anywhere. Maintenance is minimum. Yarways have but one moving part, a simple valve . . . no floats, buckets, bellows or diaphragms. Trap body is machined from cold rolled steel bar stock and cadmium plated. Low in cost.

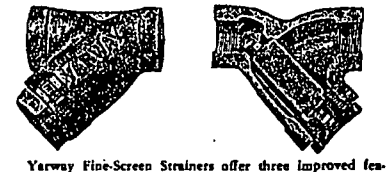
For complete description write for Bulletin T-1739



OPERATION
Cool condensate, flowing from control chamber K through center of valve F, reduces chamber pressure and valve lifts. Hot condensate empties in control chamber raising chamber pressure and closing valve.

NEARLY 600,000 PURCHASED

YARWAY STRAINERS



Yarway Fine-Screen Strainers offer three improved features for better screening and cheaper maintenance. (1) Monel woven wire screen gives maximum screening with minimum restrictions of flow. (2) Screen cap has machined face and gasket for tight joint or easy removal; straight threads guide screen into place when re-assembling. (3) Body is cadmium plated to prevent rusting.

Six standard sizes from ¼" to 3". Iron body for pressures up to 250 lb.; steel body for pressures up to 600 lb. Write for Bulletin S-201.

See other Yarway Advertisements on pages 108, 113, 152, 154

YARNALL-WARING COMPANY
100 MERMAID AVE., PHILA. 18, PA.