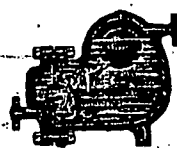
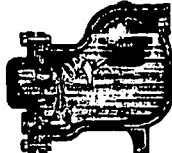


DO YOUR STEAM TRAPS 'COOK' DRY AND LEAK?

Nicholson Weight-Operated Traps
Effect Substantial Steam Savings



Model C



Model JR

If you are losing live steam in superheated service, because traps leak, Nicholson weight-operated traps offer a now widely adopted remedy. Though "cooked" dry, the valve of these traps holds tight due to its weight operation. Steam savings in remarkable quantities are reported from some installations. Types for every application and pressure to 1500 lbs.

7 FEATURES Liked by Maintenance Men

- 1) Leak-proofed by float seat over valve.
- 2) Not dependent on buoyancy of float.
- 3) Unaffected by re-evaporation.
- 4) Non-vibro drawing.
- 5) Rugged, to take unworkable abuse.
- 6) Not easily affected by dirt, sediment.
- 7) Of stainless steel where it counts.

Catalog 444
or see Sweet's

W. H. NICHOLSON & CO.

135 OREGON ST. WILKES-BARRE, PA.
Valves • Traps • Steam Specialties



Model WJ

You ask what I like
my VIKINGS?



HERE'S MY HONEST OPINION...

"When I bought my Viking pumps, I knew they were engineered for my job. They were no off-the-shelf item that was supposed to do a little of everything and none too well."

"They were built for my work and to handle my particular problem. There was no guessing or compromising."

"My pumps today are several years old. They have needed little repairing. The newer Vikings are even better than mine although harder to get than when I bought them. They cost a little more but they are still an honestly good buy."

"Vikings are simple, rugged and well built. They always have been and I think they always will be. That's why I'm going to get more Vikings when I need more pumps."

"Your first step is to ask for free folder 47SW. If you have a pumping problem, tell them about it."

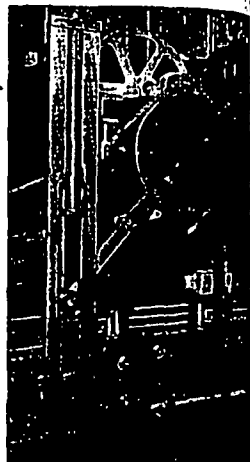


See Our
Catalog in
SWEET'S **Viking** PUMP COMPANY
Cedar Falls, Iowa

New Equipment

(Continued from page 122)

and No. 4 anthracite, or a mixture of both. Unit comes in sizes built for cast-iron sectional, steel firebox or brick-set boilers, steaming capacities from 1250 to 12,500 lb. per hr. R. B. McCleave Engine Co., 161 Broad St Station Bldg., Philadelphia 3, Pa.



Car-Door Operator

ELEVATOR-CAR door opens and closes by simple torque-motor operator. Hand drives operator through V-belt. A sprocket on the driven V-belt shaft connects by roller chain to either side of the operator's hand wheel. An arm extends from this wheel to the car door where it terminates in a ball-bearing roller between two guides on outside of car door.

When torque motor turns hand wheel clockwise free end of arm throws to the left and moves car door to closed position. Reversing torque motor throws arm to right to open the door. Length of arm is adjusted so that when it is thrown to horizontal position the car door is either fully open or closed.

Since the door cannot be opened any farther than the arm permits, dashpots, bumpers and other checking devices are not required to arrest door's motion at end of travel. Because roller in the end of the arm describes a semicircle in its travel from one limit of travel to the other, rate of door acceleration is zero at beginning of door travel, increases to a maximum at midposition, and decreases to zero at the end of travel, as it should for smooth operation.

To prevent a passenger being injured if

AVOID THE LUXURY TAX

on Idle Horsepower



When your horsepower needs are small, why pay the extra cost of larger turbines, designed for much more power than you require?

You pay only for the horsepower you need when you fit the right Coppus "Blue Ribbon" Turbine to the load. They're made in six frame sizes . . . from 150 hp down to fractional . . . priced in proportion to their size.

That's why you'll see more and more Coppus turbines powering pumps, blowers, fans, stokers and other equipment requiring a steady source of small hp. Steady is the word for these busy little turbines. Like all Coppus "Blue Ribbon" products (blowers, ventilators, gas burners, etc.) each Coppus turbine is precision-made, with close tolerances checked by Johansson size blocks. And before shipment, the turbine you get is dynamometer-tested.

No wonder more than 85% of all orders for Coppus turbines since 1937 have been repeats . . . and that a growing number of nationally known manufacturers are installing "Blue Ribbons" on their original equipment.

Write for Bulletin 135-10. COPPUS ENGINEERING CORPORATION, 161 Park Avenue, Worcester 2, Mass. Sales Offices in THOMAS' REGISTER. Other products in BEST'S SAFETY DIRECTORY, CHEMICAL ENGINEERING CATALOG and REFINERY CATALOG.

