



5 Reasons STRONG* 70 Series Traps give better service!

Look to these five reasons for long, trouble-free service in STRONG 70 Series Traps:

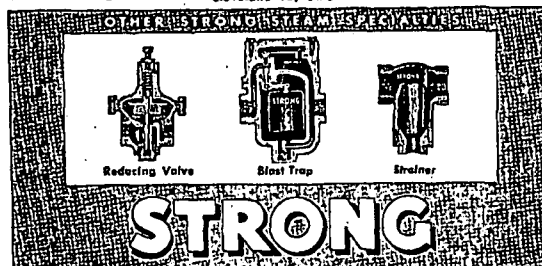
1. Valve and seat guaranteed leakproof for one year—made of STRONG's patented, wear-resistant Anum-Met;
2. Easy servicing—permitted by the renewable seat design, cover with all working parts easily removed without breaking pipe connections;
3. One piece bucket—stainless steel, no welds;
4. Turbulence avoided, choking minimized, 25% greater capacity—with STRONG's exclusive Hi-Cap orifice;
5. No dribbling, quick, full opening—high ratio leverage.

STRONG in-line 70 Series Traps are available in sizes from 1/4" to 1", semi-steel construction. STRONG's "two-in-one" blast trap with integral thermal air vent is also available in the 70 Series (see cut below).

Catalog No. 67 describes these traps in detail along with other STRONG traps. Write today.

*Trademark Reg. U.S. Pat. Off.

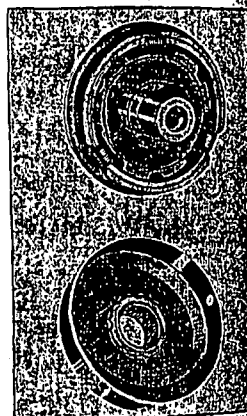
STRONG, CARLISLE & HAMMOND COMPANY
1392 West 3rd Street
Cleveland 13, Ohio



delay of about 15 sec to prevent cycling because of lightning flashes, rotating aircraft beacons, or similar transients. De-
53, Fisher-Pierce Co, 70 Ceylon
Boston 21, Mass.

Smoke Recorder

ELECTRONICALLY OPERATED smoke-density recorder measures and records density of smoke or flue dust in flues or ducts. In addition to an electronic recorder, a bolometer smoke detector and a sealed-beam light source make up the equipment. Bolometer and sealed-beam light mount on opposite sides of smoke passage. Intensity of radiation reaching filament of the bolometer varies with smoke density in the passage. This radiation affects filament temperature and can therefore be measured as a function of filament temperature. Bulley Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio.



Centrifugal Clutch

EASILY ADAPTED to a wide variety of power applications, this clutch is automatic in operation and features interdirectional drive. It is suitable for electric motors or internal combustion engines, especially for small power units from fractional to 34 hp.

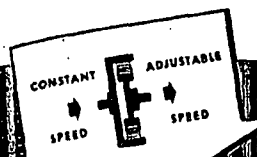
In electric-motor applications, this clutch permits use of a smaller power source delivering full peak torque at the proved power factor. Internal combustion engines may be started, warmed up, and idled with no load. Clutches are available in 2- and 3-shoe sizes with 41- and 51-lb drum casings respectively. Saginaw Products Corp, 68 Williams St, Saginaw, Mich.

Window Ventilator

SOLID-WELDED, projected ventilators, for use with standard interior screening on industrial plant windows, have heavy steel Lok'd Bar intersecting joints and

This Fuel-Saving Scrooge

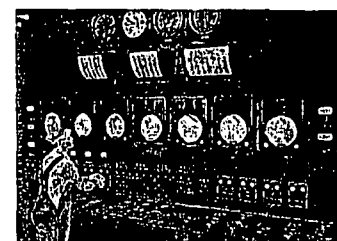
COOPERATES WITH AUTOMATIC COMBUSTION CONTROLS



One of four installations of E-M Magnetic Drive Systems in the J. P. Fullerton Bayshore Station of the Wisconsin Public Service Company at Green Bay, Wisconsin. Shown (left) E-M induction motor driving 250 hp., 1140/728 rpm Magnetic Drive on forced draft fan, and (right) interior of Regutron Control cabinet.

Scrooge himself would admire this device for its conservation of fuel in steam generation—the E-M Magnetic Drive System with Regutron Control. There is nothing else like it for the boiler fan regulation necessary for the proper functioning of combustion control systems . . . nothing else that responds so rapidly, that offers such a wide range of speeds in eliminating any need for dampening to secure proper air flow.

Write now for new Publication No. 1078 or call on any of our field representatives. They are all experienced electrical engineers and they will be glad to give you any technical information you need.



Meter Board That Completes Automatic Combustion Control

**ELECTRIC MACHINERY
MFG. COMPANY**
MINNEAPOLIS 13, MINNESOTA



**Adjustable-Speed
MAGNETIC
DRIVES**

440-T-14-7075