

PLANT EQUIPMENT NEWS

Your information center for new products designed to solve plant problems

Published monthly as a service to readers



New Skimmer Cleans at Point of Greatest Concentration

1221 • New floating skimmer, Model A *Sur/Blow* unit, automatically and continuously skims off boiler water impurities from the critical steam release zone where both dissolved and suspended solids are most heavily concentrated. Manufacturer claims this cuts total necessary boiler blowdown as much as 50%.

Unlike conventional 1/2-in. perforated pipe method of collecting continuous blowdown—which of necessity must be located 6 to 10 in. below theoretical water level so as not to blow steam—*Sur/Blow* follows fluctuations in water level and therefore can

Boiler Specialties Corp., 608 S Dearborn St., Chicago, Illinois

always act at point of maximum concentration. Flots, specially designed for expected operating pressure, are approximately four-fifths submerged so that they will not bob in the turbulent top water in which impurities collect.

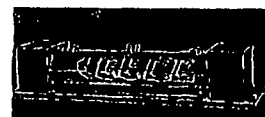
Boilers equipped with the new units reportedly come off the line cleaner internally than boilers not so equipped. *Sur/Blow* permits substantial reduction in amount of blowdown with resultant savings in treated water and fuel plus increase in steam capacity. Descriptive literature is available upon request to manufacturer.

For more data on these items, use post card p 142. Identify your request with item number.



Cooling Towers

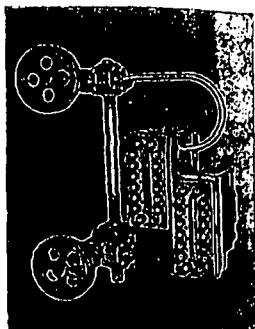
1234 • New cooling tower design reportedly requires fewer construction parts, permits faster erection and less maintenance. Simplified construction and better use of materials in the *MD-54* are the keys to new design and improved performance features. Basic design allows for largest possible range of size variations. New bracing system provides minimum obstruction to free flow of air, results in better cooling performance. Bracing requires only two specially designed joint connectors in



Water Sterilizer

1212 • Electronic water sterilizer eliminates chlorination, heating and cooling, tank storage. Capable of handling quantities up to 7000 gph, compact sterilizer has no moving parts, weighs only 95 lb and operates on 110-60 cycle ac. Unit operates by guiding water through helical baffles into contact with powerful ultra-violet lamps. Further information available from manufacturer.

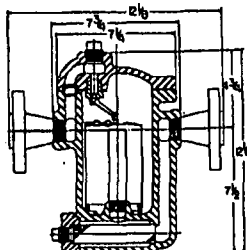
Aquafine Co., 1005 S Santa Fe Ave., Los Angeles 21, California



Boiler Gauge

1224 • New boiler gauges eliminate problem of glass breakage by separating tubes into series of short sections separated by thin mica. Serious strains resulting from increasing boiler pressure and higher steam temperatures are minimized in these short sections and gauge outages caused by glass failure have been cut to a fraction. Gauges are available for operating pressures in excess of 1350 psi. Further information available in Bulletin 1051.

Diamond Power Specialty Corp., Lancaster, Ohio

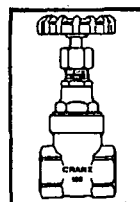


Cast Steel Trap

1215 • New cast steel side-inlet, side outlet trap with integral strainer contains corrosion-resistant stainless steel mechanism identical in design and construction to mechanism used in traps for 900 F, 950 psig duty. Pressure range is from 0 to 600 psig, maximum capacity, 4400 lb/hr. Connections are 1/4, 1/2 or 1 in., screwed, flanged or socket welded. Additional information available on request to manufacturer.

Armstrong Machine Works, Three Rivers, Michigan

NEW*



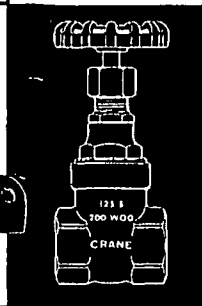
No. 410, 100-Pound

brass gate valves

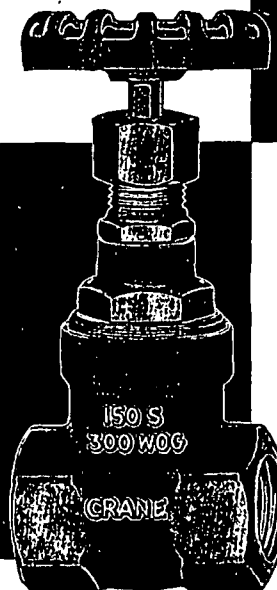
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No. 437, 150-Pound

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