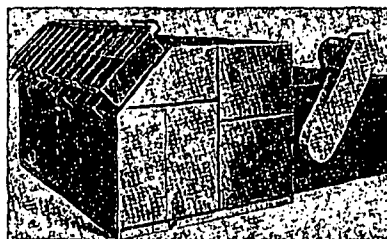


PLANT EQUIPMENT NEWS

Your information center for new products designed to solve plant problems

Published monthly as a service to readers



Multi-zone Conditioners Allow Variable Control

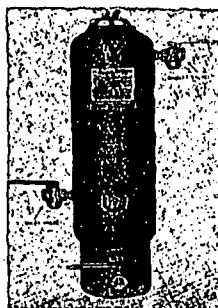
1011 • Multi-zone air conditioners provide both cooling and heating from single unit to any number of separate areas each with individual temperature control. Air leaves fan discharge and passes from cooling or heating coil to independently operating mixing dampers.

Cooling coils, for use with water or direct expansion refrigerant, are available in any number of rows of tubes. Standard steam coils, steam distributing coils and

water coils are available for heating. Both sets of coils can operate year round so as to supply heating or cooling simultaneously to separate zones.

Equipment is offered in four models designed to serve 12 to 16 separate zones and ranging in capacity from 7500 to 18,000 cfm. Further information can be obtained from manufacturer.

U. S. Air Conditioning Corp., 3300 Como Ave SE, Minneapolis 14, Minn.



Self-cleaning Dehumidifier

1017 • Self-cleaning dehumidifier for purifying compressed air and reducing humidity to very low dew point features several new developments. Self-adjusting nozzle and non-clogging aspirator stabilizes unit operation during varying air pressures and volumes. Baffle surfaces are enlarged to accommodate heavy impurities and momentary overloads. Self-cleaning drying agent covers wide temperature range.

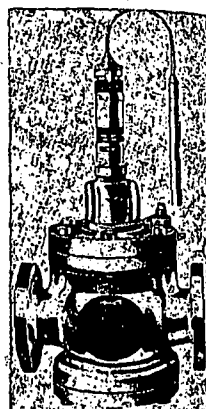
Van Products Co., 3796 W 12th St, Erie 2, Pennsylvania



Stepless Temperature Control

1016 • Stepless control holds temperatures with no under or over shooting, provides less rejects and lower production costs. Unit has no relay and supplies heating element with only enough power to hold temperature for which it is set. True temperature is indicated constantly on a 5-in. scale corrected for parallax. Models are available to handle loads from 300 va to 110 kva.

West Instrument Corp., 525 N Noble St, Chicago 22, Illinois



Temperature Regulators

1022 • Automatic temperature regulator incorporates design simplicity with advantages of liquid expansion principles. Self-cleaning strainers protect vital parts and complete internal porting prevents external damage manufacturer states.

Sizes range from 2 to 4 in. with temperature controls from 25 to 275 F. Bulletin ST-162 available from manufacturer.

Farris Stacon Corp., 627 Commercial Ave., Fallades Park, N. J.

For more data on these items, use post card p. 163. Identify your request with item number.



Aluminum Insulation

1046 • Multi-layered blanket of aluminum, fiber and air spaces, has been made to be of uniform depth throughout, including the area immediately adjacent to the beam or joist. The new insulation is available as type 6-SI, with three aluminum sheets, type 4-SI, with two aluminum sheets, and type 4-SJ, made to fit spaces less than 2 in. deep.

Infra Insulation Inc., 525 Broadway, New York, New York
(Continued on page 178)

These Valves Last Longer-at Lower Cost ...on Toughest Water Services for instance



In a Southern public utility's power plant, with Crane Diaphragm Valves on water spray lines for cleaning traveling screens on condenser water intake.

THE CASE HISTORY

Both raw Mississippi River water and deep well water are used for the cleaning spray to the screens. The valves are exposed to a combination of river water sand erosion, and well water sodium chloride corrosion. These conditions caused stem packing leaks, difficult valve operation, and also corroded the steel bonnet bolts. Maintenance costs were excessive.

The trouble was stopped by installing Crane No. 1611 Packless Diaphragm Valves featuring separate disc and diaphragm design. After more than 3 years' operation, they show no effects of service. They operate smoothly and seat tightly. Crane Diaphragm design eliminates leaks entirely, and no maintenance has been needed. Based on this performance record, additional Crane Diaphragm Valves have been installed.

THE BETTER QUALITY...BIGGER VALUE LINE...IN BRASS, STEEL, IRON

CRANE VALVES

CRANE CO., General Office: 836 S. Michigan Ave., Chicago 5, Illinois
Branches and Wholesalers Serving All Industrial Areas

VALVES • FITTINGS • PIPE • PLUMBING • HEATING

VALVE SERVICE RATINGS

SUITABILITY	<i>Ideal for the job</i>
FEATURES	<i>Packless - No stuffing box</i>
MAINTENANCE COST	<i>None</i>
SERVICE LIFE	<i>Show no wear after more than 3 years</i>
OPERATING RESULTS	<i>No leakage - easy operation</i>
AVAILABILITY	<i>Regular Crane item - No. 1611</i>

THE VALVE

In Crane Packless Diaphragm Valves, the diaphragm seals the working parts from all erosive or corrosive fluids. Need for a stuffing box is eliminated. Choose these valves from a wide variety of body and trim materials, lined or unlined, for better lower-cost handling of countless erosive, corrosive, or ordinary services. See your Crane Catalog or your Crane Representative.

