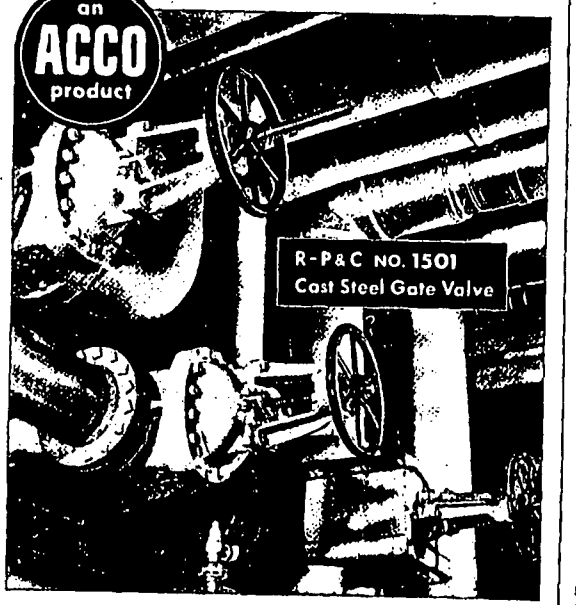
an ACCO product



How R-P&C Valves Reduce Maintenance Costs

• Six important features of R-P&C Cast Steel Valves eliminate many service troubles which in turn reduces maintenance costs.

First of all . . . they're made from electric furnace steel which means sound castings. All parts are designed for equal strength and great toughness. The bodies resist distortion. Permanent alignment is provided by the rigid one-piece yoke. And the gland packing stays tight even at high pressures and temperatures. Furthermore, the design detail assures smooth flow and positive shut-off.

You can get R-P&C Cast Steel Valves in gate, globe, angle, stop and check, and swing check types. Variety of trim metals for air, gas, liquid, oil, steam, water. Wide range of pressures and temperatures. Screwed, flanged, or welding ends. Sizes range from 1½" to 24".

Specify . . . and get . . . R-P&C Cast Steel Valves next time you order.

ACCO

R-P&C VALVE DIVISION
AMERICAN CHAIN & CABLE

Reading, Pa., Atlanta, Baltimore, Boston, Chicago, Denver, Detroit, Houston, New York, Philadelphia, Pittsburgh, San Francisco, Bridgeport, Conn.

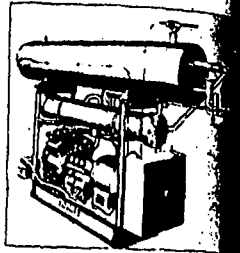
R-P&C valves

More EQUIPMENT NEWS

arc welding copper, bronze and brass.

Special flux is said to completely coat each *drop of metal* as it leaves the electrode and to provide "globular protection" as it is deposited on the base metal. Deposit maintains even the tin in original analysis. Slag or impurities float out in a coating that is easily removable, manufacturer claims. Deposition rate is high at all current settings, with minimum of splatter and maximum appearance and physical properties. Reverse polarity d.c. current only is used. Available in six standard sizes from *3/32 up to and including* ¼ in.

All-State Welding Alloys Co, Inc, White Plains, N. Y.

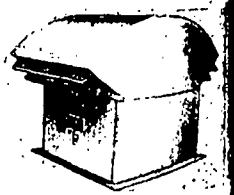


Packaged Water Chiller

560 • Cold generator provides a single unit source of large quantities of cold water for air conditioning and refrigeration systems requiring between 10 and 50 tons of cooling. Self-contained unit requires only *simple water and electrical connections* and eliminates complex installation and maintenance problems. Compressor, condenser, liquid cooler, controls, motor and accessories are combined in a single factory-assembled and tested unit. Power and water consumption is automatically adjusted to the demand for cooling. Unit will be made in six sizes, with capacities from 10 to 50 tons of refrigeration.

Trane Co, La Crosse, Wis.

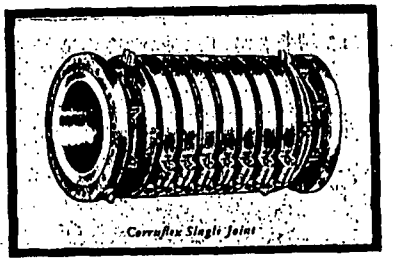
For more data on these items, use post card p 169. Identify your request with item number.



Roof Ventilator

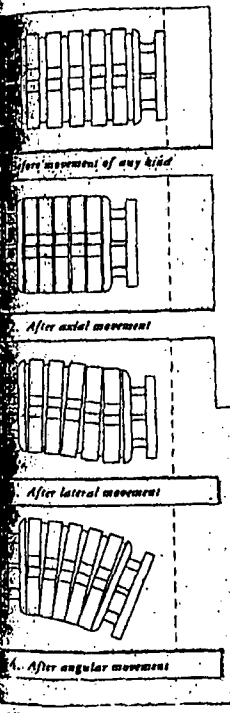
532 • Heavy-duty, high-velocity roof ventilator is especially well adapted for windowless plant construction. Primarily used as exhaust fan, it can easily be adapted for fresh air supply. Sizes 12 to 48 in.

INSTALL...



AND THEN FORGET

Corruflex PACKLESS EXPANSION JOINTS



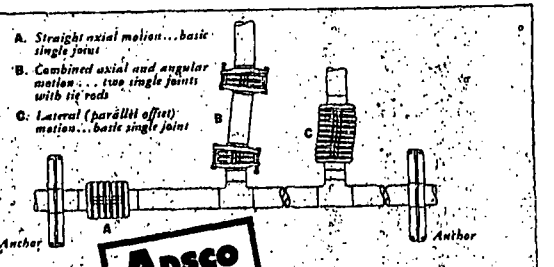
Why worry about maintenance in pipe lines when you don't have to? Install ADSCO Corruflex Expansion Joints . . . they are packless and require no maintenance. Put 'em in the line and forget 'em.

In ADSCO's *complete* Corruflex line there are many joints for many purposes: Swing, Hinge, Tie-Rod, Universal, Internally-Guided, Anti-Compression, Balanced, Gimbal, etc. But the leader of the Corruflex line . . . the joint from which all others are derived . . . is the Basic Single Joint shown on this page. *Here is a dependable workhorse which will solve many pipe expansion problems. Problems it can't solve can be solved by other Corruflex Joints.*

Drawings 1 & 2 at left show accordion-like movement as the Basic Single Joint opens and closes to absorb axial movement. In Drawings 3 & 4, note that maximum lateral deflection and maximum angular rotation are obtained when joint is in median position. ADSCO can supply complete tabular data on the maximum amount of allowable lateral and angular movement either side of center line. Under certain conditions, such as the addition of extra corrugations, the Basic Single Joint can be used to absorb combined axial and lateral or combined axial and angular motions.

For assistance in laying out piping systems, a cordial invitation is extended to you to consult ADSCO's engineering staff. Phone your ADSCO representative about this service or write the factory direct.

A. *Straight axial motion . . . basic single joint*
B. *Combined axial and angular motion . . . two single joints with tie rods*
C. *Lateral (parallel offset) motion . . . basic single joint*



ADSCO ENGINEERED PRODUCTS

EXPANSION JOINTS • HEAT EXCHANGERS • STEAM TRAPS • STRAINERS • SEPARATORS • METERS

AMERICAN DISTRICT STEAM COMPANY, INC.

NORTH TONAWANDA, NEW YORK

Since 1877