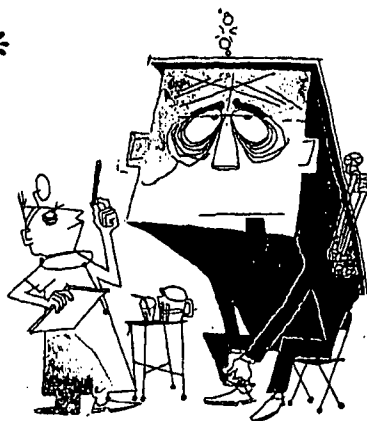


is
coil-itis*
 increasing
 your
 temperature
 problem?



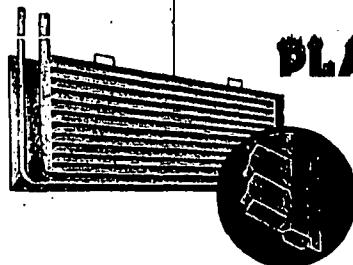
Here is a new treatment for solving your heat transfer problems that is as revolutionary as a new wonder drug. It stops coil-itis* cold . . . It eliminates the many troubles that have plagued industrial heating and cooling practices due to the use of old-fashioned, outmoded pipe coils. This revolutionary new unit, called a Platecoil, heats or cools 50% faster and takes 50% less space in the tank. It simplifies maintenance and saves hours of downtime.

Write for bulletin P79 today!

PLATECOILS SAVE 50% IN HEAT TRANSFER COSTS

PLATECOILS COOL
 QUENCH OIL TANK
 FOR 1/3 THE COST

At the K-D Manufacturing Company, Platecoils are proving more efficient, yet cost only 1/3 as much to install. Ask about other case histories.



PLATECOIL

REPLACES PIPE COILS

*
 Coil-itis — Diagnosed as tank heating and cooling problems. Platecoils — the prescription for solving pipe coil problems.

PLATECOIL DIVISION, KOLD-HOLD MANUFACTURING CO., LANSING 4, MICHIGAN

More EQUIPMENT NEWS

can be applied to all types of cooled equipment to 450° F. Gustin-Dacon Mfg. Co., 1415 St. Louis, Mo.

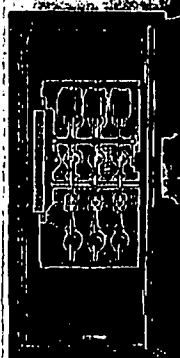
Slide Rule Magnifier

363 • Double magnifier for rules permits accurate reading of two lenses, folds to fit compactly. Scratch-preventative channels for pocket-sized rules has magnifier of 3 times, unless for other size 2 1/4 times. Flatto Management Co., 70 New York 36, N.Y.

Rosin Core Solder

364 • Divco X-25 rosin core solder provides flux activity before completely molten, so solder takes metal immediately. Non-corrosive dielectric properties said to be rosin flux, and to conform to forces and federal specifications. Available as liquid rosin flux. Division Lead Co., 836 W. Chicago 22, Ill.

For more data on these items, circle 163. Identify your request with

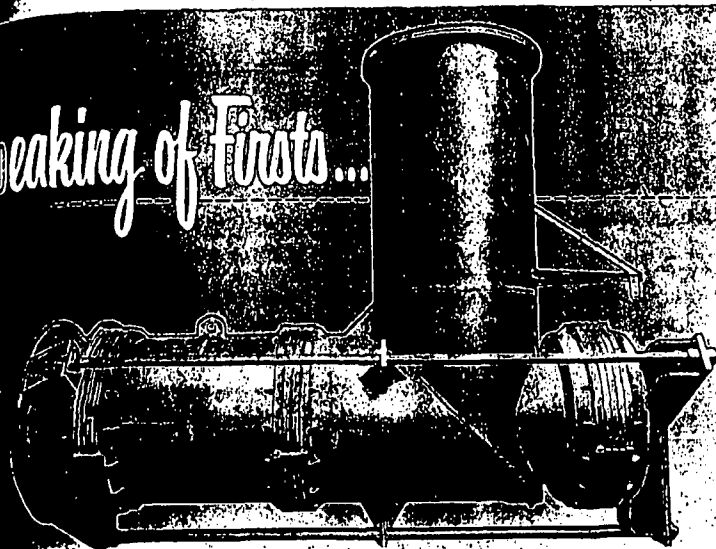


Load Interrupter

324 • New metal-enclosed switch for 600-v ac or dc service. Functions of disconnect and interrupter. Switch can withstand 100,000 ampere make, quick-break mechanism for positive load interruption.

Available in ratings of 400, 2000 and 3000 amps, two-pole or units with or without protective trip fuses. Publication 5208. Delta-Star Electric Div., 11 K St. Inc., 2437 Fulton St., Chicago

Speaking of Firsts...



Zallee was given the credit of developing a group of expansion joints for propulsion test facilities on a defense project. The technical specifications of the application required "rough" units for the job. Zallee engineers analyzed the problem and designed the unusual joint pictured above... of its kind. Actually, it is a Pressure, Universal expanding expansion joint, first developed by Zallee in 1943, operating at 3000 psi and incorporating internal

stainless steel turning vanes to provide a smooth flow of gases through the right angle bend. The unit absorbs 3" axial and 1.27" lateral movements through a temperature range from -100° F. to +650° F. No anchors are required since this arrangement neutralizes end thrust developed by internal pressures.

This example is representative of our ability to cope with the most difficult expansion joint problems. It is our business to specialize in the design and manufacture of one product only—expansion joints—and over the years we have learned

how to solve the "rough ones" effectively and quickly.

Zallee Expansion Joints are available in diameters from 3 inches to 30 feet... for temperatures from sub-zero to 1600° F... for pressures from vacuum to 300 psi in standard designs, and up to 2,000 psi in special designs.

The next time you are faced with an expansion problem, get in touch with us. We will be glad to survey your situation and recommend the most practical and economical solution. Zallee Brothers, 814 Locust Street, Wilmington 99, Delaware.

For detailed information on Zallee Expansion Joints and services write today for a free copy of Bulletin 331.

Zallee
 EXPANSION JOINTS



WORLD'S LARGEST MANUFACTURERS OF EXPANSION JOINTS