

4 REASONS DARTS DON'T DRIP



- 1. EVERY DART...** is precision-machined to a true ball joint... then spherically ground to give wide, true-bearing surfaces. Reason why Darts fit snugly without excessive wrenching... are always leakproof.
- 2. EXTRA-WIDE BRONZE SEATS...** resist pitting, electrolysis and corrosion... stay drop-tight.
- 3. EXTRA-HEAVY SHOULDERS...** shrug off wrench abuse through dozens of installations.
- 4. PRACTICALLY INDESTRUCTIBLE...** body and nut of air-refined, high test malleable iron resists stress, stretching and wrenching... ensures that connections will stay tight.

See your supplier today about these outstanding, money-saving features of Dart Unions.

E. M. DART MANUFACTURING CO.
PROVIDENCE 3, RHODE ISLAND



the "off" position. They are mechanically interlocked to prevent opening enclosure door when breaker is on. Starters are available in five standard sizes to maximum of 200 hp, 3 phase, 550 v, 60 cycles. Ward Leonard Electric Co., Mt. Vernon, N. Y.

Mercury Relay E545

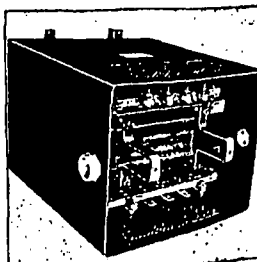
DESIGNED TO CARRY up to 35 amp, this relay incorporates a free-floating magnetic plunger, assuring smooth, silent operation. Heavy tungsten contacts with mercury-to-mercury make and break are hermetically sealed for dust and moistureproof operation. Since there is no exposed arm, the relay may serve under all operating conditions.

Available in 2- and 3-pole units, the relay measures 4 in. in height, 2 1/2 in. in width and 2 1/2 in. depth. Ebert Engrg & Mfg Co., 185-09 Jamaica Ave., L. I., N. Y.



Centrifugal Fans E546

SMALL, 5-in.-dia centrifugal fans are produced in single- or double-width types. Type 5CB comes in a range of capacities and serves as a cooling means for electrical and electronic equipment as well as a pressurizing system for equipment cabinets. Johnson Fan & Blower Corp., 1319 W. Lake St., Chicago 7, Ill.

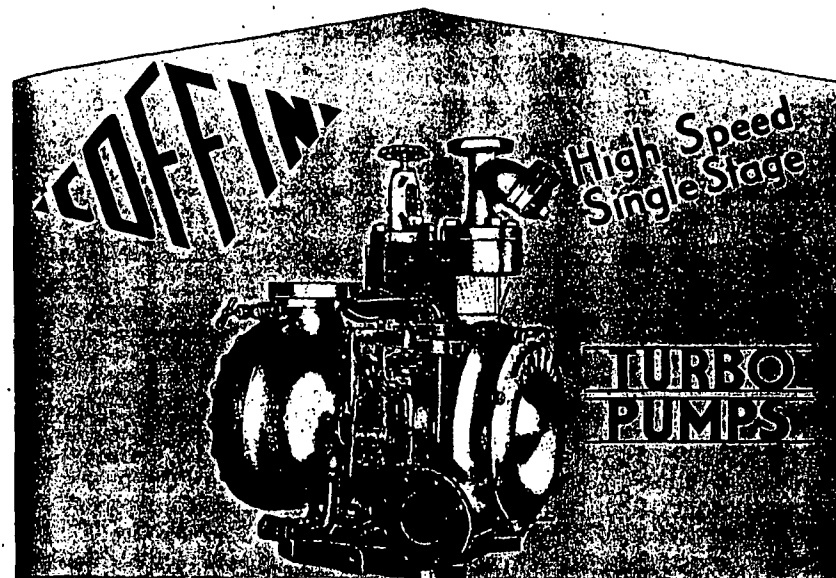


Distribution Transformer E547

Two types of single- and 3-phase dry distribution transformers are designed to provide specific voltages for auxiliary lighting and power circuits. Single-phase Type AB ranges from 250 va to 200 kva and 3-phase Type AP from 3 to 300 kva in the 600-v class and below. Dry-type auto-transformers are built as single-phase Type AA from 500 va to 25 kva, and 3-phase Type AM in ranges from 5 to 50 kva. Both types are suitable for 240 to 240/120 v.

These transformers may be used to isolate a lighting from a power circuit or to obtain a 240/120-v, 3-wire circuit from

POWER • December 1948



Specifications

Steam Pressures... to 450 PSI.
Steam Temperatures... to 850 F.
Back Pressures... to 60 PSI.
Pump Capacities... to 300 GPM
Discharge Pressures to 750 PSI.
(Needs to 1600 ft.)
Liquid Temperatures... to 300 F

See our catalog
in Sweet's Power Plant
and Engineering Files.

Also A.S.M.E. Catalog
and Thomas' Register



A Lot of Pump Capacity in Very Small Space

See for yourself at the Power Show

You'll have an opportunity to visualize the compactness of Coffin Turbo Pumps at the Power Show (Booth No. 222). Ask our engineers in attendance to give you the capacities and exact dimensions of Coffin Pumps... to show you the details of design and construction... to cover such important points as the reasons why these single stage, high speed units are long-lived, highly efficient and low in maintenance and steam consumption.

By engineering a turbine and pump unit into an integral design, Coffin has definitely attained high capacity at a considerable saving in space. Furthermore, full responsibility for overall performance is placed with one manufacturer.

Ask for literature; submit operating data for recommendations by our engineers. No obligation is incurred.

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The J.S. COFFIN, JR., CO. 326 South Dean St.
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