

Totally-Enclosed Fan-Cooled MOTORS

Get These 3 Low Maintenance Features

1 Wide Open Air Flow

No enclosed, external air passages to clog. Easy to clean with cloth, brush, air hose or vacuum. Simply remove fan cover and whole radiating surface is exposed for inspection and cleaning.

2 Cast Iron Construction

Frame, conduit box and fan cover of cast iron resist corrosion. Fan is non-sparking, corrosion-resistant material. Well suited to outdoor operation.

Tempe and Venti-Pitch are Allis-Chalmers trademarks.

3 Pre-lubricated Bearings

Ball bearings are double-shielded type, pre-lubricated at the factory. Periodic lubrication is not required under normal operating conditions, but provision is made for in-service lubrication if necessary.

GET COMPLETE INFORMATION ON Allis-Chalmers motors for indoor and outdoor service — complete with Allis-Chalmers coordinated control — from your nearby A-C Authorized Distributor or District Office, or write for Bulletin 51B7286 and 51B7149. Allis-Chalmers, Milwaukee 1, Wisconsin.

ALLIS-CHALMERS



Sold . . .

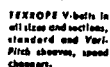
Applied . . .

Serviced . . .

by Allis-Chalmers Authorized Distributors, Certified Service Shops and Sales Offices throughout the country.



CONTROL — Magnet, magnetic and contactless starters, push buttons, stop and start systems.



TEMPERATURE — V-belts in all sizes and widths, standard and Venti-Pitch sheaves, speed changers.



PUMPS — Large types from 1/2 to 72 in. capacity and up.

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...with Power readers...

THE BIBLE AND POWER . . .

One of the many ways we keep tabs on how Power readers feel about the editorial service we render is to send a query when a subscriber fails to renew. A gratifying number take the time to tell us why. As you might expect, a few find our editorial content doesn't meet their particular needs. But most tell us they aren't renewing for routine reasons—they're changing jobs, entering military service, retiring, etc.

From this last group—those who are starting a well-earned rest after long years in the power field—we get some mighty interesting and heart-warming letters. One received recently made us feel so good we can't resist sharing it with you.—Ed.

I retired from the Bureau of Yards and Docks last November. Am 68 years old this year. Previous to retirement, my guides were the Bible and Power magazine, the leading magazine in my special trade, through which I attained to the head of the Mechanical Specifications Section in the Bureau of Yards and Docks.

My work on earth is nearly done. From here on, I'll get along with the Bible. I can honestly recommend Power magazine to anyone connected in any way to the generation of power on the earth—power between heaven and earth is something else.

Washington, D. C. E. W. SHALMAN

...lines and bylines

PIONEERING in operation of steam power on gas-transmission lines comes easily to L. L. Nunley, a steam man all his life. Born in the Texas Panhandle, he attended Amarillo High School and studied engineering at Lubbock Technological Night School for two years. This training was later rounded out by completion of the ICS course in power-plant engineering.

Beginning in 1931 as a clean-up boy, Nunley began to pile up experience in all phases of steam-power operation, maintenance and management. Step by step he moved up to the post of chief engineer in an Oklahoma steam-electric station. With that background he swung over to his present post as superintendent of Transcontinental Gas Pipe Line Corp's Station 5, about which he tells you on pp 73-76.

Nunley's hobbies are photography and electronics. We'd hazard a guess that he gets plenty of chances to put the latter interest to work among the many electronic devices now used on pipelines.

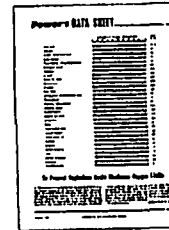


L. L. Nunley

DATA SHEETS have been a popular feature of Power for over 20 years—the one pictured in miniature at the right is No. 2541. Some of them have been designed by our own editors, but most Data Sheets come from readers who've developed them to save time in making routine calculations or to collect useful constants in handy form.

Now's a good time to join the parade of Data Sheet contributors—and, incidentally to earn a \$35 check for each one accepted. We want to build a backlog, will welcome contributions.

There's almost no limit on subject matter. Look back at past Data Sheets and you'll see they cover everything of interest to a power man—from fundamentals right through fuels, combustion, steam generation, piping, heating, air conditioning, refrigeration, electricity, etc.



Data Sheet No. 254

PACKAGE BOILERS are F. F. Hohnholt's prime interest these days. As manager of Package Generator Sales for Foster Wheeler Corp, he's had a lot to do with the growing application of this type. And out of his experience, he passes along some good tips (pp 77-79) to help you select the right unit.

Civic activities have been another great interest. Frank served for two elected terms (6 yr) as councilman of the Borough of Leonia. He represented the borough and was chairman of the Overpeck Creek Valley Sewer Survey Committee. Their reports and findings resulted in formation of the Hackensack Valley Sewer Commission and the building of a trunk line and sewage-disposal plant for this area of New Jersey.

A native of the Garden State, Frank was educated in its public schools and at Cooper Union, Mechanics Institute and City College of N. Y. He's a member of NAPE, ASME and SNAME, and is president elect of the Bergen Society of Professional Engineers. Somehow he finds time to play golf, bowl and travel around with a camera.



F. F. Hohnholt