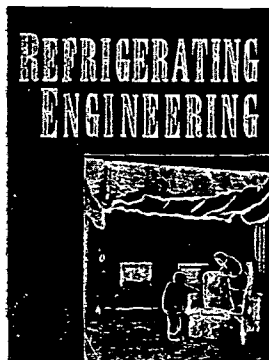


American Society of Refrigerating Engineers

40 West 40th Street, New York 18, N. Y.



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Coal-Heat

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Editorially

COAL-HEAT puts its emphasis on:

—ways and means of furthering the more satisfactory use and sale of coal.—sales and service—heating merchandising—the fundamentals

The 'Equipment Situation'—

Three times out of four the fuel dealer has two strikes against him because of the design, condition, and operation or the equipment in which much of his coal is used. For instance, findings of the Coal Heating Service inspection campaign in Minneapolis and St. Paul, Minn., covering thousands of individual homes show that:

1. Only one heating system in 10 is in good condition.
2. More than 2 out of 3 need cleaning.
3. More than 3 out of 7 have chimneys or smoke pipe that need attention or replacement.

In the larger field—among the nation's laundries, dairies, hotels, hospitals, apartments, schools, churches, medium and larger sized plants the reader can assume from detailed records of plant inspections of such fuel users in Akron, Canton, Cleveland, Middletown, Ohio; Detroit, Flint, and Lansing Mich.; Durham, N. C.; Altoona and Erie, Pa.; Milwaukee, Minneapolis and St. Paul, Morgantown W. Va., Toronto, Canada, and Wheeling, W. Va., that 'on the average' out of every 100 such plants:

- from 20 to 80% are mechanically defective;
- from 10 to 20% are obsolete;
- from 10 to 15% are overloaded;
- from 20 to 80% are improperly operated;

Obviously, therefore, in all too many cases

- far too much fuel is wasted;
- heating or power costs are excessive;
- heating and operating problems are far too frequent;
- the modernization and replacement market is all but unlimited.

So, if the reader recognizes this situation there can be no question as to COAL-HEATS place in the picture from the sales and service viewpoint.

Functionally, the 477 feature articles and regular departments 'indexed' in COAL-HEAT the past 12 months were divided as follows:

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New Products.....			