

# HOUSE HEATING BY GAS

Serial 2461

Edition 1

## OPERATION AND INSTALLATION OF GAS FURNACES

### ESTIMATING GAS CONSUMPTION

#### PRINCIPAL SYSTEMS OF HOUSE HEATING

1. **Natural-Gas House Heating.**—House heating by gas is a subject that may be divided into two geographical classes: (1) natural-gas house heating; (2) manufactured-gas house heating.

The natural-gas companies have changed their attitude and now are trying to merchandise approved gas-designed house-heating equipment rather than to allow the continuation of the policy of selling cheaper conversion equipment in which either coal or gas may be used. One reason why the conversion system is fast disappearing from use is that the consolidation of natural-gas properties and the extension of the gas mains to greater gas-producing areas is eliminating the shut-down period, when a householder would formerly have been forced to burn coal to tide him over until gas was again turned on. Nevertheless, the conversion system is still important in the natural-gas field, and great efforts are being made to improve and develop higher-grade appliances for this purpose.

In this Section, it is not intended to enter into the details of conversion systems, except to mention that they have not yet received the approval of the American Gas Association (A. G. A.). Improvements in design and construction are being

