A Precise Method for Determining the Efficiency of Electric Range Units (Abstract)

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A PRECISE METHOD FOR DETERMINING THE EFFICIENCY OF ELECTRIC RANGE UNITS

(ABSTRACT)

MARGARET WOODROW

The methods generally employed for determining the efficiency of electric range units do not account for the heat losses through the sides of the testing utensil and, sometimes, that lost through evaporation. Consequently, these determinations give too low a value for the efficiency of the units. By designing and using a vessel for which the heat losses could be accurately measured, the efficiencies of different types of units were determined. The efficiencies obtained by this method were considerably higher and more uniform than those determined by the usual methods.

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