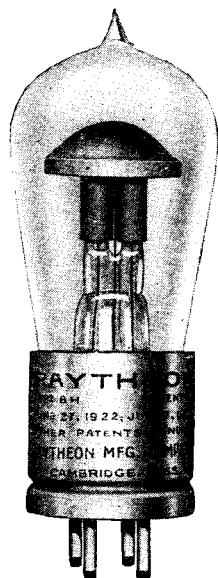


# RAYTHEON ANNOUNCES

89%  
MORE  
POWER



Greater  
Reliability  
in  
Radio Power

## *Light Socket Power for Filament and Plate of Type 199 Tubes Now Practical*

FOUR years ago the scientists in the Raytheon Laboratory tackled the problem of using alternating current as a supply for radio power. After three years of research the well-known Raytheon, Type B, was developed. In the one short year since this tube was introduced the B-power market has been revolutionized, and the Raytheon equipped B-power units today are unquestionably the leaders in quality.

Raytheon, Type B, the 60 milliamperere tube, remains the standard for regular B-power service.

Now these same engineers have perfected the next logical step toward a. c. operation—a new and exceptional rectifier for a new and exceptional service. Raytheon, Type BH, has a rated capacity of 85 milliamperes, more than enough

to supply the 60 milliamperere current for the filaments of Type 199 receiving tubes connected in series. Here is a wonderful opportunity for the home constructor to obtain complete a. c. operation. Think of it, both A and B power from a single rectifier! Leading radio magazines will carry detailed information on how this may be accomplished.

The new tube has been rated 200 volts output. This is just what has been needed for the new power amplifiers using the UX-171, the latest development in quality reproduction for the home. This unit will also be described in articles by radio authorities, and complete factory-built B-power units of this type are now available at radio dealers for those who require the extra power.

One last word on Reliability to those who are not already familiar with Raytheon and the Raytheon policy. Complete power units, equipped with Raytheon tubes, are manufactured by Companies selected for their excellent engineering and production facilities. No others are authorized to sell Raytheon rectifiers or to use the trademark word RAYTHEON. Hence, by making certain that you are purchasing a genuine Raytheon unit you are not only assured of the utmost in reliable rectification, but also that the unit has been carefully designed for the service for which it is intended. You will find a variety of prices and styles to meet every requirement.

Raytheon is the Heart of Reliable Radio Power.