

RECTRON Model UX-216-B

RATING

Filament Volts - - - - - 7.5
Filament Amperes - - - - - 1.25
Maximum A. C. Input Voltage - 550 Volts (RMS)
Maximum D. C. Load Current - 65 Milliamperes

GENERAL

Rectron Model UX-216-B is designed for use as a rectifier for supplying D. C. power from an A. C. source.

The filament voltage should be maintained at the rated value. Higher voltage will shorten the life of the Rectron, and lower voltage will reduce the output and possibly cause overheating of the plate.

The A. C. input voltage should never exceed the value given above and a lower voltage should be used when possible. (The A. C. voltage is expressed in "root mean square" voltage which is the reading obtained from an ordinary A. C. meter.)

The D. C. load current should not exceed 65 milliamperes when a single Rectron is used in a half-wave rectifying circuit. If two Rectrons are used in a full-wave circuit the D. C. load current may be increased to 130 milliamperes.

A typical full-wave circuit is shown in Fig. 1.

LARGE STANDARD BASE

This Rectron has the new large standard base (large "UX" base). The connections of the electrodes to the contact pins are shown in Fig. 2.

RETURN OF DEFECTIVE APPARATUS

ANY RECTRON WHICH IS BELIEVED DEFECTIVE SHOULD BE RETURNED TO THE DEALER OR DISTRIBUTOR FROM WHOM IT WAS PURCHASED, WHO HAS COMPLETE INSTRUCTIONS FOR HANDLING SUCH CASES.

PATENT NOTICE

In connection with devices it sells, Radio Corporation of America has rights under patents having claims (a) on the devices themselves and (b) on combinations of the devices with other devices or elements, as for example in various circuits and hook-ups.

The sale of this device carries a license under the patent claims of (a), but only for (1) talking machine uses, (2) radio amateur uses, (3) radio experimental uses and (4) radio broadcast reception; and only where no business features are involved.

The sale does not carry a license under patent claims of (b) except only (1) for legitimate renewals and repairs in apparatus and systems already licensed for use under such patent claims on combinations, (2) for assembling by amateurs and experimenters, and not by others, with other licensed parts or devices, or with parts or devices made by themselves, but only for their own amateur and experimental radio uses where no business features are involved, and not for sale to or for use by others, and (3) for use with licensed talking machines and licensed radio broadcast receiving devices; and only where no business features are involved.

Radio Corporation of America

CAUTION!

**DO NOT USE EXCESSIVE INPUT
VOLTAGE.**

USE CORRECT FILAMENT VOLTAGE.

