

RECTRON Model UX-213

RATING

Filament Volts	- - - - -	5.0
Filament Amperes	- - - - -	2.0
Maximum A. C. Input Voltage per Anode	-	220 (RMS)
Maximum D. C. Load Current	- -	65 Milliamperes

GENERAL

Rectron Model UX-213 is a full-wave rectifier tube for supplying D. C. power from an A. C. source.

The filament voltage should be maintained between 4.5 and 5.5 volts. 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 rated value, 220 volts per anode or 440 volts across both. (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. output current should not exceed 65 milliamperes. A higher load current will shorten the life of the Rectron.

A typical full-wave rectifier 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 amateur, experimental and entertainment radio uses 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, and (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, experimental and entertainment radio uses where no business features are involved, and not for sale to or for use by others.

Radio Corporation of America

CAUTION!

DO NOT USE EXCESSIVE INPUT VOLTAGE.

USE CORRECT FILAMENT VOLTAGE.

