



RADIO MANUFACTURERS ASSOCIATION
ENGINEERING DEPARTMENT

Registration No. 361
January 31, 1944

TYPE 12X3

HIGH VACUUM HALF WAVE RECTIFIER

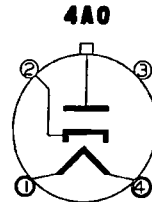
Physical Specifications:

Type of Cathode: Unipotential

Pin Connections:

Pin 1.	Heater	Pin 3.	N.C.
2.	Cathode	4.	Heater
	Top Cap Plate		

Basing Designation 4A0



Type of Base	Small 4 pin
Type of Cap	Small metal
Type of Bulb	T9
Maximum Overall Length	4-1/4"
Maximum Diameter	1-3/16"
Maximum Seated Height (Including top cap)	3-3/4"

Mounting position of Operation: Any

Ratings

Heater Voltage (ac or dc)	12.6	volts
Heater Current	0.65	amps
Maximum DC Heater-to-Cathode Potential	50	volts
Maximum Peak Inverse Voltage	7000	volts
Maximum Peak Plate Current (At $E_B = 270$ volts)	200	ma

Typical Operation:

Half-Wave Rectifier (Condenser Input to Filter)

AC Plate Voltage per Plate (RMS)	2500	Volts max.
DC Output Current	10	ma max.

sponsor: Rogers Radio Tubes, Ltd.
Toronto, Ontario, Canada