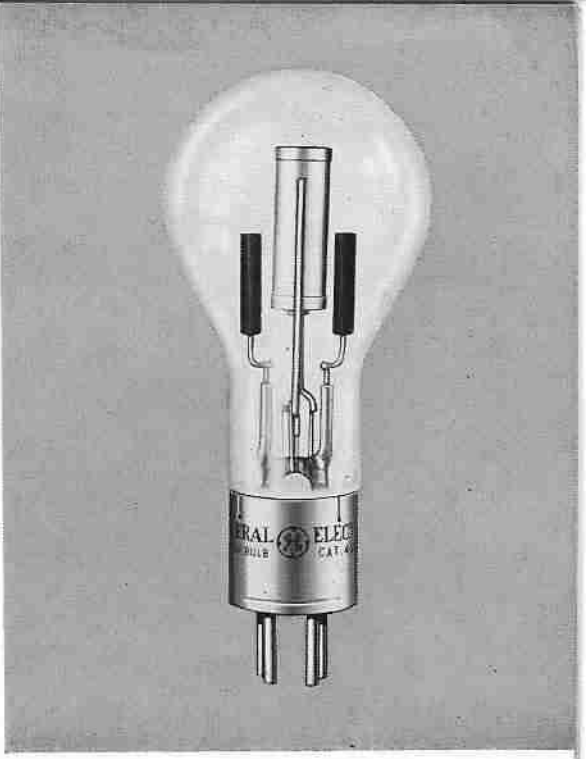
G-E TUNGAR BULB

Cat. No. 45X674

(RMA TYPE 5B24)

Tungar bulb, Catalog 45X674, also identified as JAN Type 38674 is a twin-anode single-ended mercury-vapor rectifier, for high-voltage full-wave applications. It is used extensively for charging 60-celi batteries, supplying power to operate magnetic chucks, small motors, etc. This bulb should be mounted in a vertical position.



GENERAL DESIGN

Number of electrodes		3
Cat. No. of Socket required		GE-M-5556072G1
Cathode—coated filament:		
Voltage		2.5 ± 5%
Current, amperes, approx.		24
Pre-heating time recommended, seconds		300
Tube voltage drop, volts d-c:	*Hot*	*Cold**
Maximum	15.0	18
Minimum	7.0	7.5
Average during life	9.0	11.5
Starting (pick-up) voltage, volts d-c:	*Hot*	*Cold**
Maximum	20	20
Minimum	8.5	8.5
Average during life	11.5	13.0
Net weight, ounces, approx.		4½
Shipping weight, ounces, approx.		27
Length, inches, approx.		7⅜
Diameter, inches, approx.		3⅛

RATINGS

Maximum peak voltage between anodes	1000
Maximum current:	
Average amperes per anode	3.0
Average amperes, full-wave output per tube	6.0
Instantaneous (peak) amperes, recurrent	18.0
Maximum d-c output, average volts	250
Maximum base temperature, degrees C	90

*These values are for the end of the 300-second pre-heating time. Tube losses are much greater, resulting in short life, if the pre-heating time is shortened. The pre-heating time listed must be respected and filament excitation must be continuous if guarantees are to apply. When first installed in a new location this tube should be operated for 10 minutes with filament voltage only.

G-E Tungar bulbs have unusually long life.