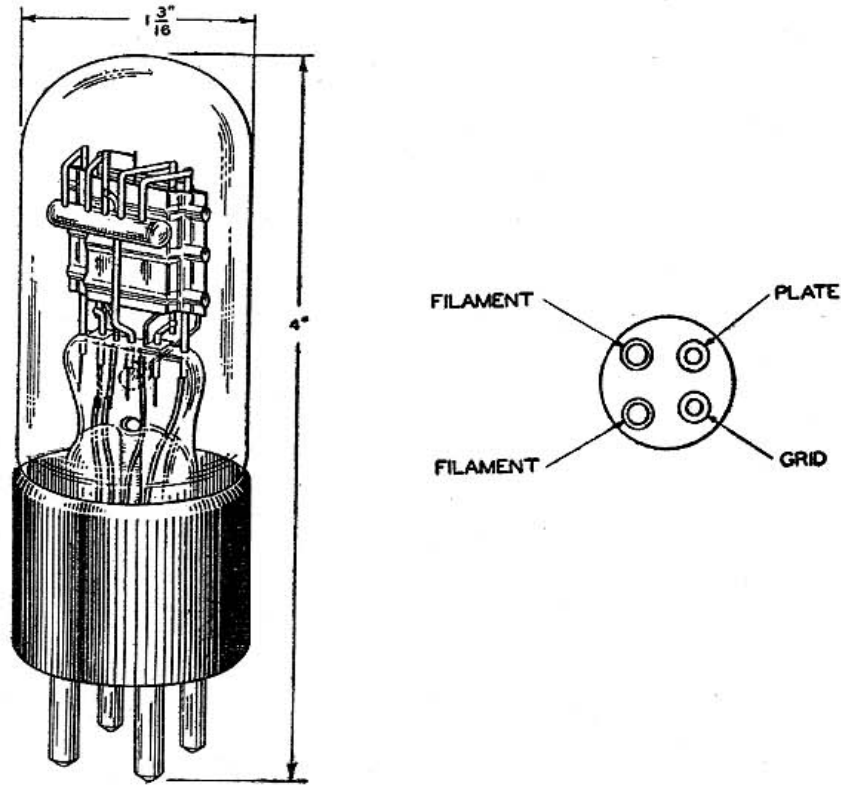


# 264A Vacuum Tube



## Classification

The No. 264A Vacuum Tube is a three-element filament type tube for use as an audio-frequency amplifier in applications requiring a tube with low microphonic noise response or in apparatus where high input resistance is necessary.

## Base and Socket

The No. 264A Vacuum Tube employs a standard four-prong thrust-type base suitable for use in a Western Electric No. 130B (rigid) or No. 131A (cushion) socket or similar type socket. The arrangement of electrode connections to the base terminals is shown above.

## Rating and Characteristic Data

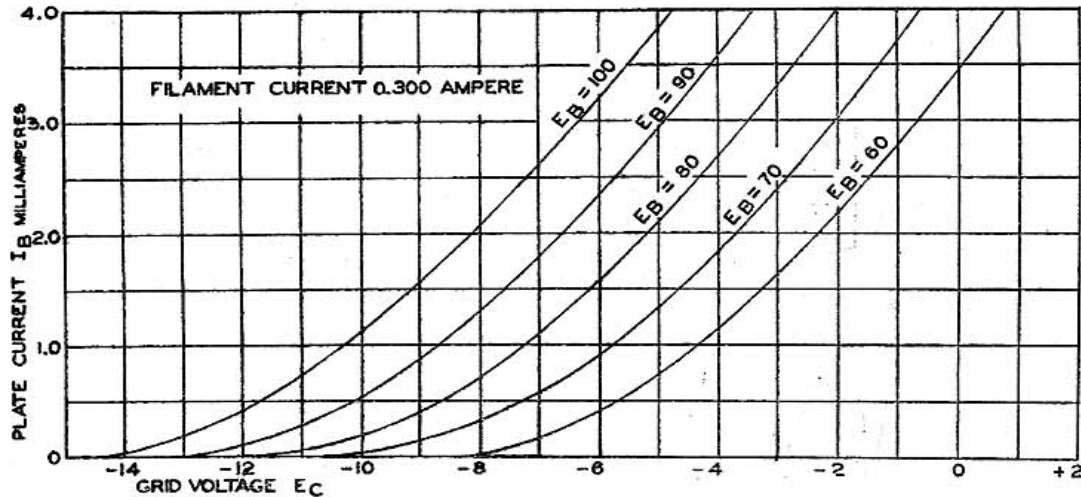
Filament Voltage.....	1.5 Volts, DC
Filament Current.....	0.3 Ampere
Maximum Plate Voltage.....	100 Volts
Grid Voltage.....	-7.0 Volts
Average Plate Current.....	2.6 Milliamperes
Average Plate Resistance.....	11,800 Ohms
Average Amplification Factor.....	7.0

## Approximate Direct Interelectrode Capacities

Plate to Grid.....	5.3 MMF
Plate to Filament.....	2.2 MMF
Grid to Filament.....	3.5 MMF

### Average Static Characteristics

The accompanying curves give the static characteristics of the No. 264A Vacuum Tube. These curves have been obtained with the filament operating on direct current and the grid and plate returns connected to the negative filament terminal.



### General Features

Due to the rigid construction and the short filament which has been designed to reduce vibration to a minimum, the microphonic response of the No. 264A Vacuum Tube is very low.

Care in manufacture and also inspection tests insure a high input resistance.

These features together with its low power consumption make this tube particularly suitable for use in the early stages of high gain amplifiers.

The rugged construction of the tube and ample electron emission supplied by the filament operating at a low temperature, insure the maintenance of uniform electrical characteristics throughout a long life.