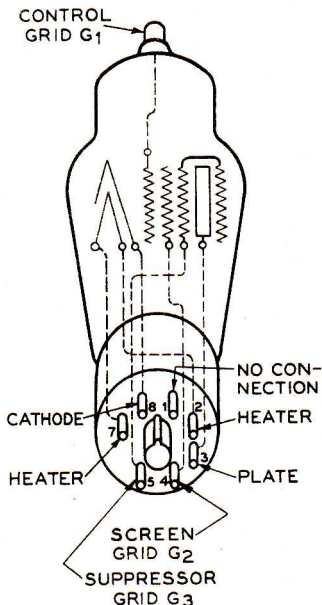


IMPORTANT—READ CAREFULLY

# Western Electric

## 348A Vacuum Tube



### CLASSIFICATION

The 348A vacuum tube is a suppressor-grid pentode having an indirectly heated cathode which permits the operation of the heater element directly on alternating current.

It is intended for use primarily as an audio-frequency voltage amplifier, in applications where exceptionally low tube noise is essential.

### BASE, SOCKET AND MOUNTING

This vacuum tube employs a small shell, seven-pin octal base. The control grid terminal located at the top of the bulb is a miniature cap.

The tube may be mounted in any position.

### HEATER RATING

Heater voltage	6.3 volts, ac or dc
Nominal heater current	0.5 ampere

The heater element is designed to operate on a voltage basis and it should be operated as near the rated voltage as practicable. Operation at a higher voltage will definitely reduce the life of the tube.

### OPERATING CONDITIONS

	Plate Volts	Screen- Grid Volts	Control- Grid Volts	Average Plate Current Milliamperes
Recommended Conditions	135	135	-3.0	5.5
	180	135	-3.0	5.5
Maximum Conditions	250	135	-3.0	5.6
	250	180	-5.5	5.0

PATENT	1432867	1456505	1456528	1459412	1464104
	1550768	1738269	1936187	1993769	2148538