CLASS B TWIN AMPLIFIER

Heater Coated Unipotential Cathode
Voltage 6.3 a-c or d-c volts
Current 0.3 amp.
Maximum Overall Length 4-1/8"
Maximum Diameter 1-9/16"
Bulb ST-12
Base Small Shell Octal 8-Pin
Pin 1-No Connection Pin 5-Grid (Triode T₁)
Pin 2-Heater Pin 6-Plate (Triode T₁)
Pin 3-Plate (Triode T₂) Pin 7-Heater
Pin 4-Grid (Triode T₂) Pin 8-Cathode
Mounting Position BOTTOM VIEW Any

For convenience, one triode unit is identified as T₁, the other as T₂.

CLASS B POWER AMPLIFIER

Plate Voltage 180 max. volts
Peak Plate Current (per plate) 60 max. ma.
Average Plate Dissipation 8 max. watts
Typical Operation:
Heater 6.3 6.3 volts
Plate 135 180 volts
Grid 0 0 volts
Zero-Sig. Plate Current (per plate) 3 4.2 ma.
Effective Load Resistance (plate to plate) 15000 9000 20000 12000 ohms
Power Output 1.5* 2.5## 2.2* 4.2## watts

* With average input of 80 milliwatts applied between grids.
## With average input of 320 milliwatts applied between grids.
* In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

← Indicates a change.

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RCA RADIotron DIVISION
RCA MANUFACTURING COMPANY, INC.
TENTATIVE DATA
AVERAGE PLATE CHARACTERISTICS

$E_f = 6.3$ VOLTS