



ELECTRONIC TUBE REFERENCE

TZ20

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated zero-bias power triode designed primarily for Class B audio service. A pair can provide substantial output without a separate grid-bias supply, making it an efficient audio power device.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	7.5 V / 1.575 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	62
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM PLATE DISSIPATION	20 W
Maximum/characteristic values promoted where clearly published on the source sheet.	

Zero-bias triode primarily designed for Class B audio operation, providing up to about 80 watts from a pair without a separate grid-bias supply.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 Taylor Tubes

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1940 TAYLOR TUBES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-plate capacitance	4.95 pF	Published general characteristics
Grid-filament capacitance	5.25 pF	Published general characteristics
Plate-filament capacitance	0.95 pF	Published general characteristics

TUBE TINKER

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