

WESTINGHOUSE  
 6LN KRON TUBE TYPE 196  
 AMPLIFIER AND OSCILLATOR  
 GENERAL CHARACTERISTICS

Air-Cooled Triode	
Filament Voltage .....	10 Volts
Filament Current .....	3.25 Amperes
Amplification Factor .....	35
Transconductance, Grid-Plate .....	1600 umhos
Capacitance, Grid-Plate .....	3 uuf
Capacitance, Grid-Filament .....	2.4 uuf
Capacitance, Plate-Filament .....	1.4 uuf
Resonant Frequency, Grid-Plate .....	200 MC
Net Weight .....	8 oz.
Shipping Weight .....	4 lbs.

MAXIMUM RATINGS AND TYPICAL OPERATION CONDITIONS

R-F Power Amplifier and Oscillator, Class C

Telegraph and Therapy Service  
 Key-down Conditions Without Modulation<sup>o</sup>

Maximum Ratings

Plate Volts, A-C, RMS .....	3000
Plate Volts, D-C, Unfiltered .....	3000
Plate Current, D-C, Ma .....	150
Plate Input, Watts .....	450
Plate Dissipation, Watts .....	125
Plate Volts and Input for 15 MC .....	100%
Plate Volts and Input for 30 MC .....	80%
Plate Volts and Input for 60 MC .....	60%
Grid Volts, D-C .....	-500
Grid Volts, R-F .....	750
Grid Current, D-C, Ma .....	40

Typical Operation, Class C

Plate Volts, A-C, RMS .....	2000	2500	3000
Plate Volts, D-C, Unfiltered .....	1800	2250	2700
Plate Current, D-C, Ma .....	150	132	116
Plate Input, Watts .....	335	365	385
Plate Dissipation Watts .....	110	110	110
Grid Volts, D-C .....	-75	-100	-125
Grid Volts, R-F, Peak .....	250	250	300
Grid Current, Ma .....	20	15	15

<sup>o</sup>Modulation, essentially negative, may be used if the positive peak of the audio-frequency envelope does not exceed 115% of the carrier conditions.

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