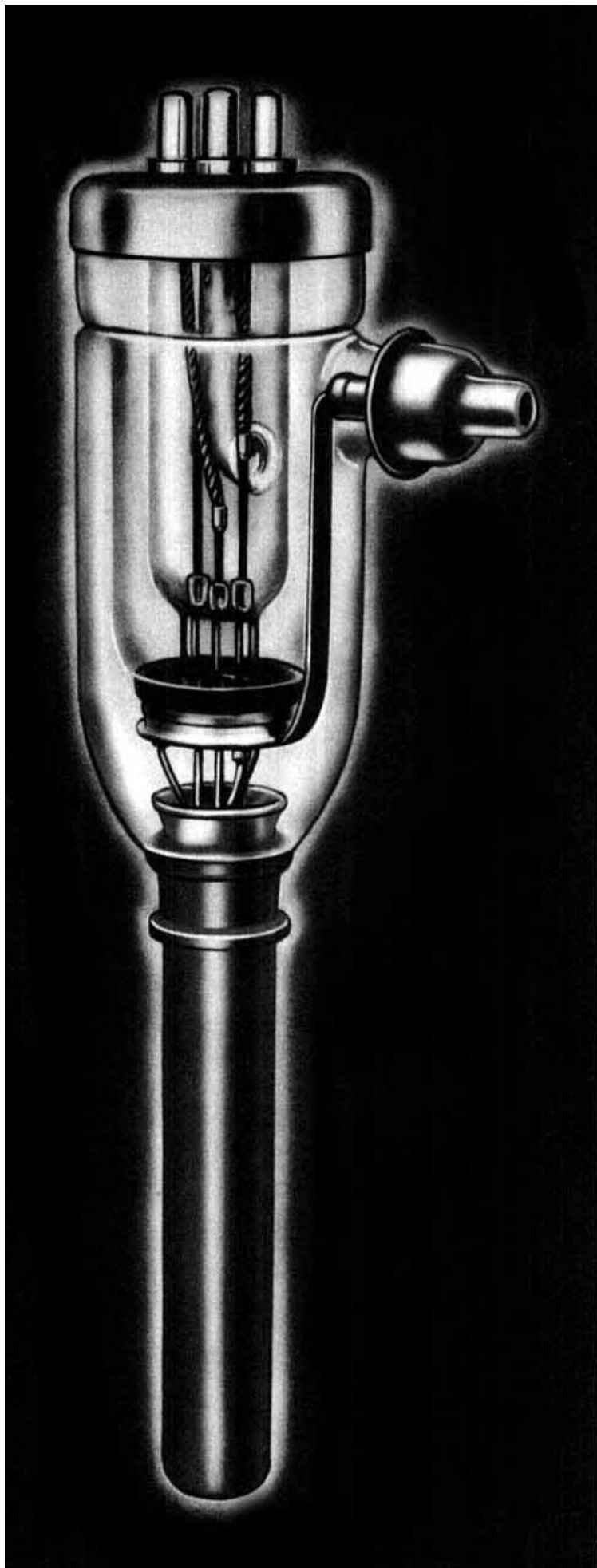




FEDERAL

F-892 TRANSMITTING TUBE

TECHNICAL DATA

Main Use	R-F Power Amplifier, Oscillator & Class B Modulator	
Number of Electrodes	3	
Filament Voltage per terminal	11 volts	
Current per strand	60 amperes	
Type	Tungsten, Two-Unit	
Excitation	D-C, Single or Two Phase A-C	
Thermionic Emission	10 amperes	
Average Characteristic Values calculated at $E_b = 10000$, $I_b = 0.8$ ampere, $E_f = 22$ volts.		
Grid Voltage (approximate)	0 volts	
Amplification Factor	50	
Mutual Conductance	7000 micromhos	
Plate Resistance	7200 ohms	
Approximate Direct Inter-electrode Capacitances		
Plate to Grid	27 mmf.	
Grid to Filament	18 mmf.	
Plate to Filament	2 mmf.	
Type of Cooling	Water	
Water Jacket	Standard or Federal Type 1000-A	

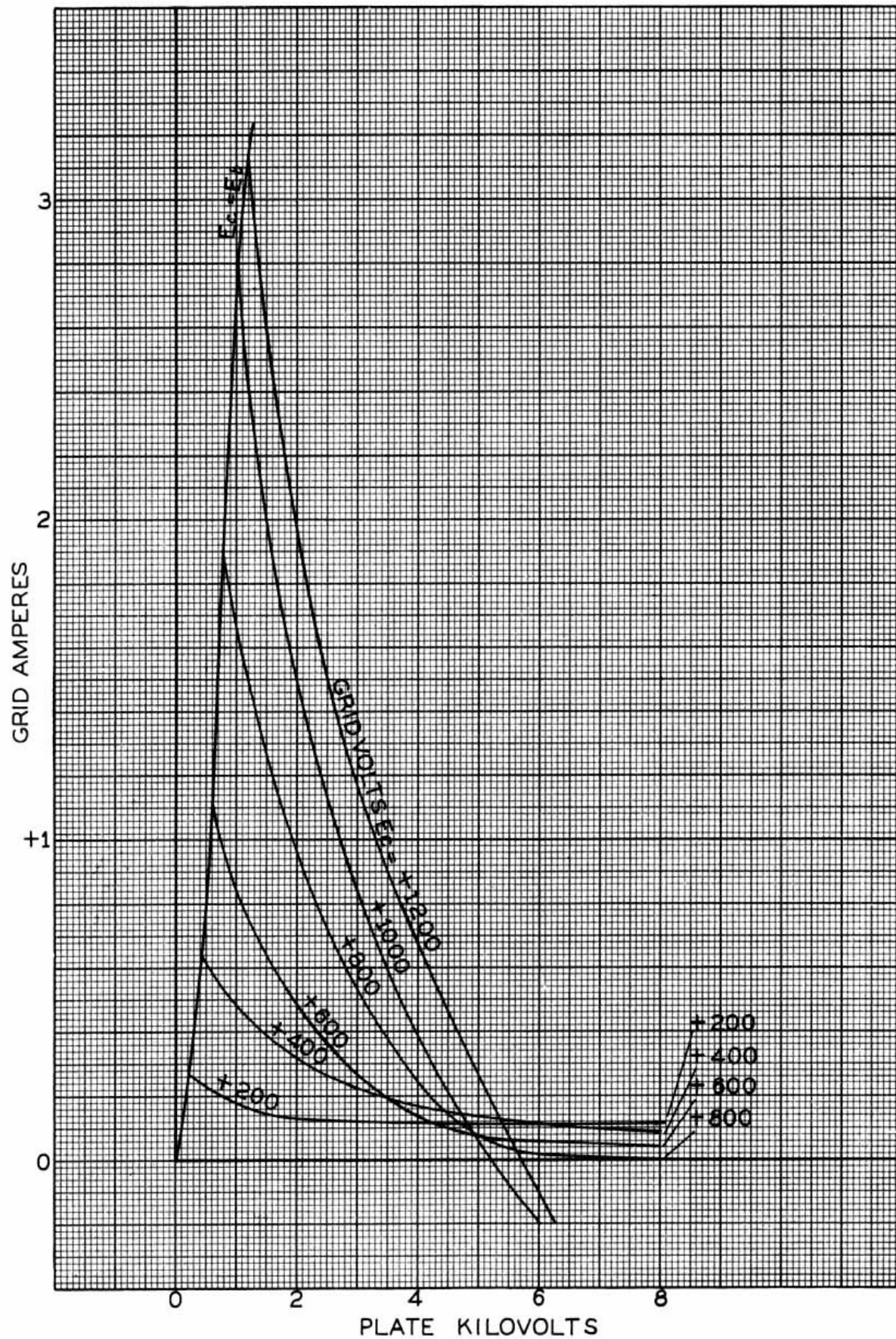
The information above and in the following pages by no means represents exact conditions of operation to be imposed for any particular situation. Since tubes are used under many widely different conditions the manufacturer will gladly furnish information regarding characteristics for design purposes.

Manufactured by

FEDERAL TELEGRAPH CO.

200 Mt. Pleasant Avenue Newark, N. J., U. S. A.

AVERAGE GRID CHARACTERISTICS F-892 Transmitting Tube



Graph showing the average plate characteristics for a 6BE6 triode-connected tube. The vertical axis represents Plate Amperes (0 to 10), and the horizontal axis represents Plate Kilovolts (0 to 20). The curves are plotted for various grid voltages (E_g), ranging from +1600V to -300V. The label "GRID VOLT $E_g = 0$ " is present on the graph.

