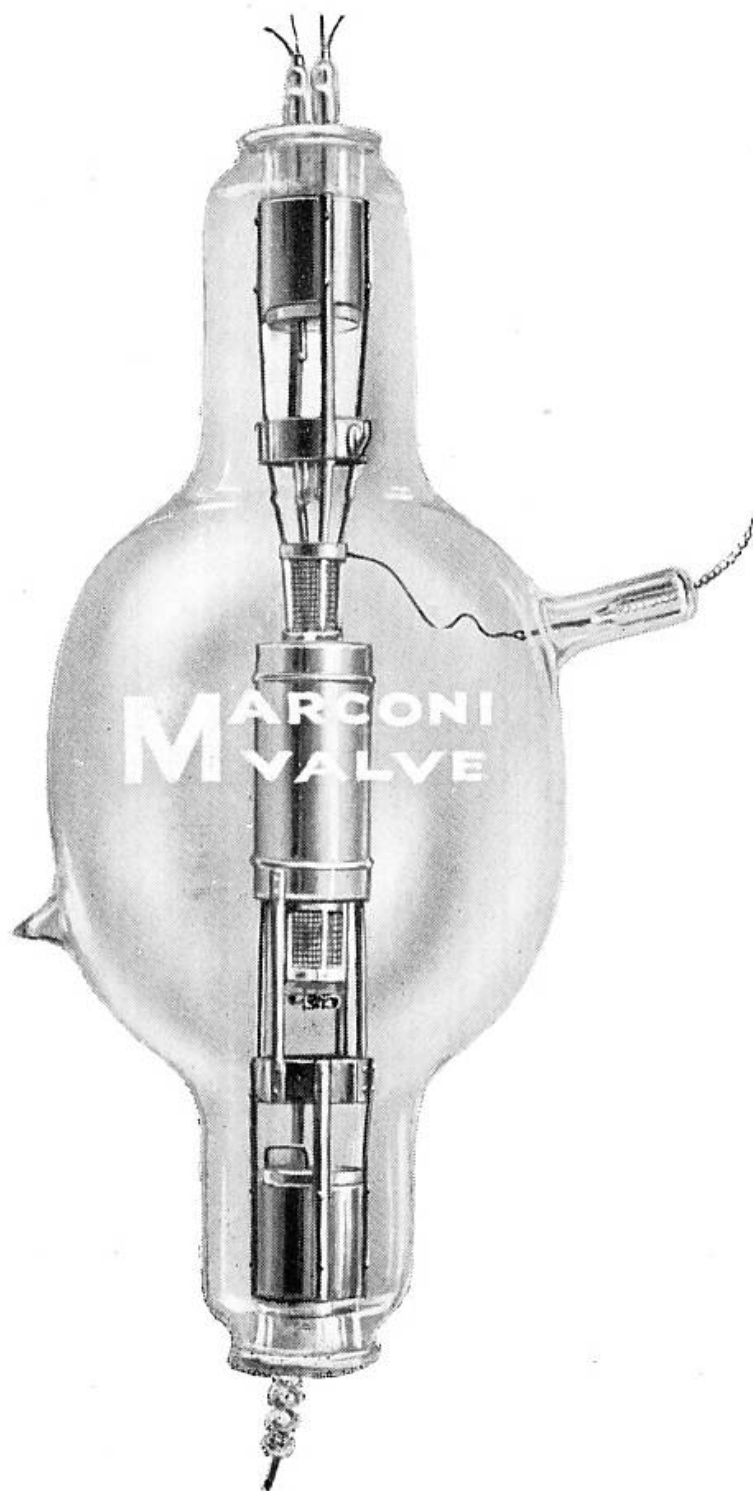


# Modulating Valve

## TYPE M.T.9A

(Molybdenum Electrodes)



(Approximate overall dimensions :  $482 \times 180 \text{ m/m.}$ )<sup>2700</sup>

A modulating valve for use in high power modulated telephony circuits operating at mean anode voltages of the order of 8,000 volts.

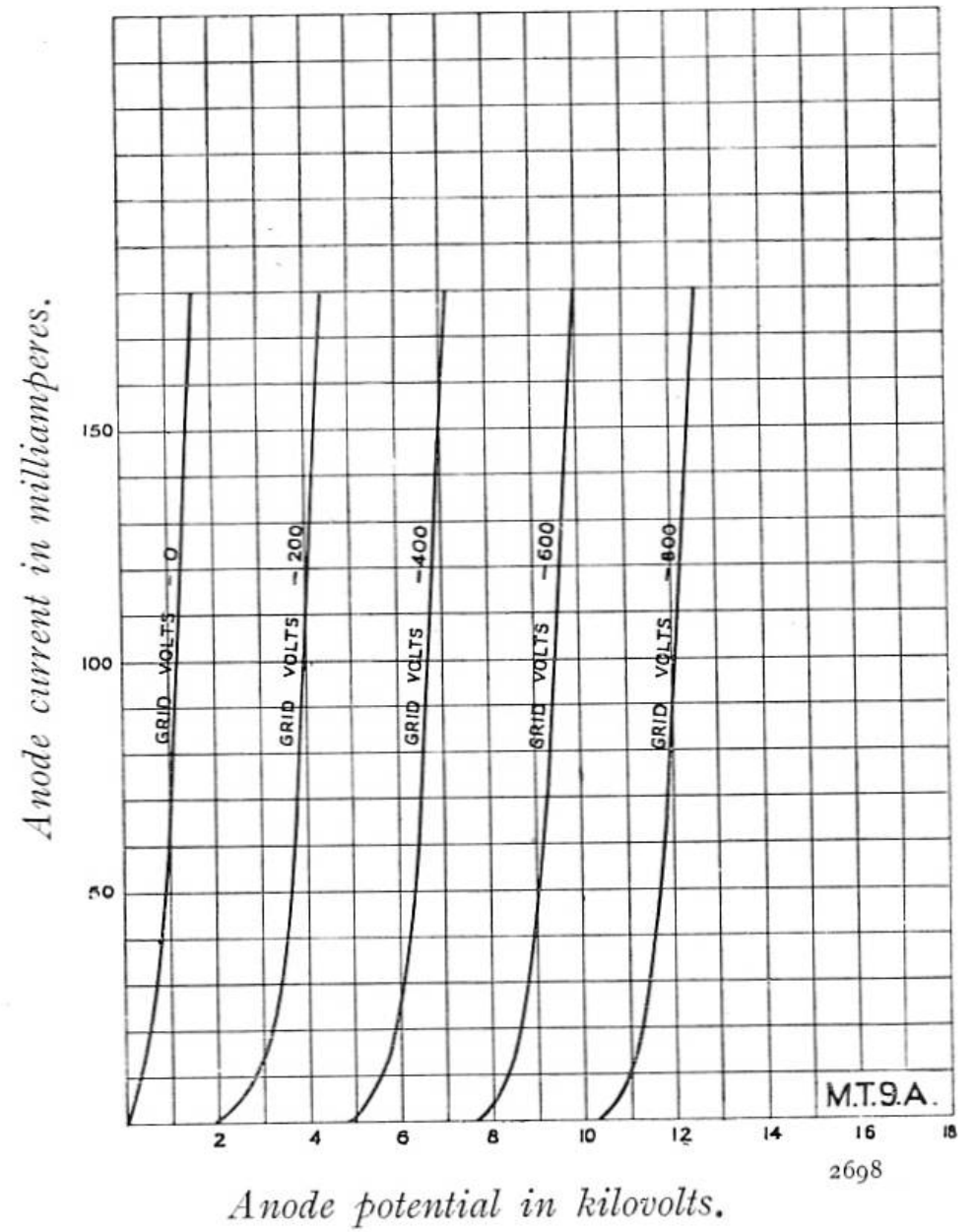
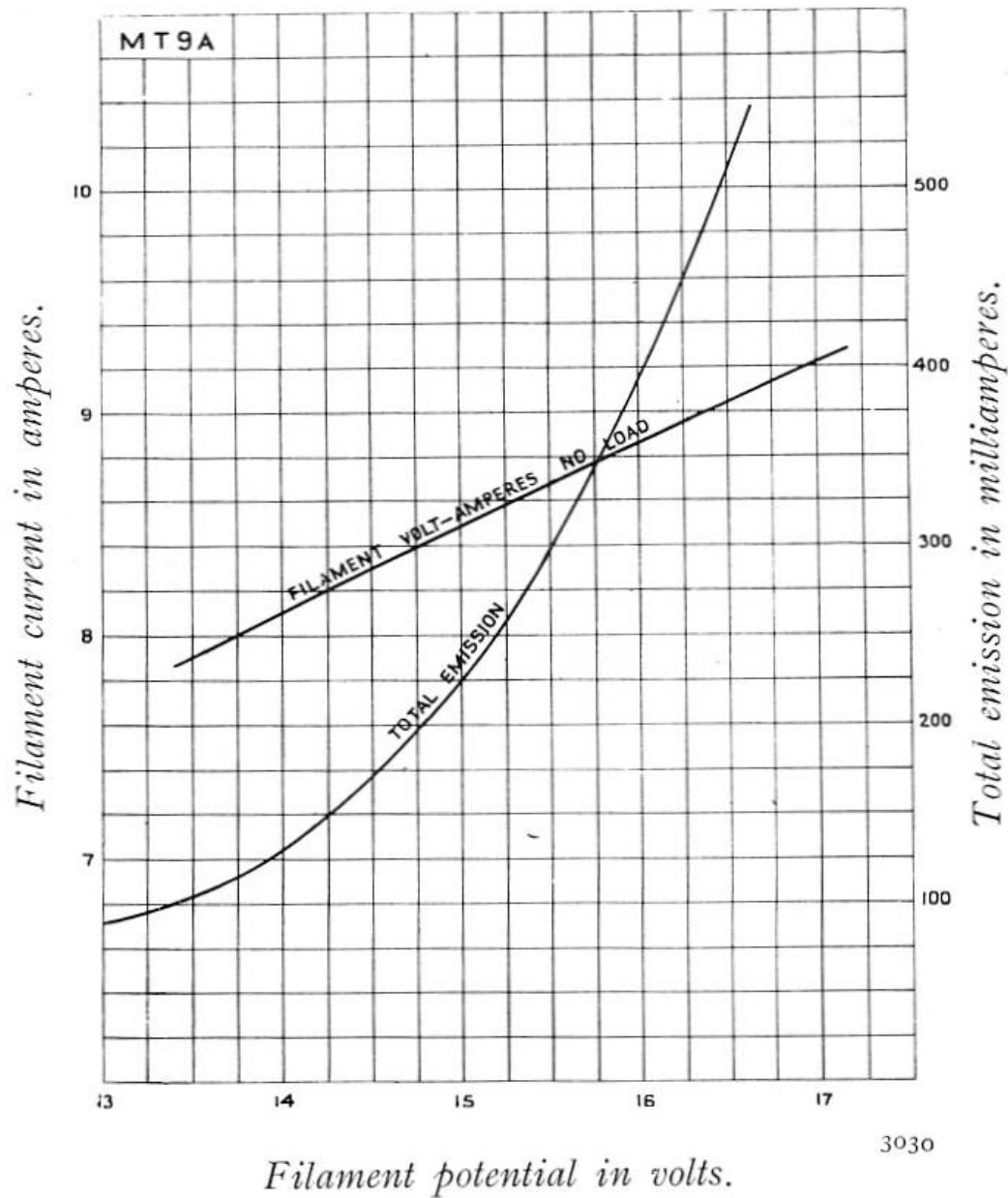
Maximum continuous anode dissipation under modulating conditions 600 watts at 8,000 volts. At higher anode voltages the maximum permissible anode loss is reduced.

### Approximate Data :

Filament volts .. ..	16.0	Total emission (milliamps.)	400
Filament amperes .. ..	9.0	*Impedance (ohms) .. ..	9,000
Anode volts D.C. .. ..	8,000	*Amplification factor .. ..	14

\* Taken about anode volts 8,000 and grid volts -500.

Code Word : IVIAP



Characteristic Curves of Average Valve.

TYPE M.T.9A