

COSSOR P.T.41

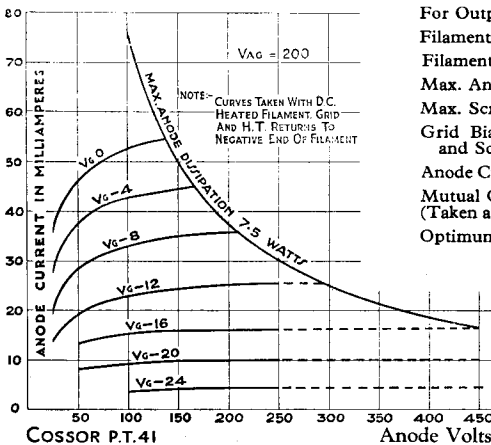
4-VOLT 1 AMP. DIRECTLY HEATED PENTODE

The P.T. 41 is a directly heated pentode valve capable of delivering a volume of undistorted output sufficient for all domestic purposes ; at the same time the sensitivity is sufficiently high to permit it to be fully loaded by a detector with transformer coupling.

It is very similar to the M.P./Pen., but may have advantages in certain receivers by virtue of its directly heated filament. Automatic bias is obtained in the usual manner for directly heated valves by the use of a small centre tapped resistance across the filament terminals.

In common with other pentodes the correct anode load should be used if the full value of undistorted output is to be reached.

TECHNICAL DATA



For Output.

Filament Voltage	4
Filament Current (Amps.)..	1.0
Max. Anode Volts	250
Max. Screen Volts	200
Grid Bias for Max. Anode and Screen Volts ..	-12.5
Anode Current for above (m.a.)	30
Mutual Conductance	3 m.a./v.
(Taken at V_a 100, V_{ag} 100, V_g 0.)	
Optimum Load	8,000 ohms