

# COSSOR 40 P.P.A.

## 40-VOLT ·2 AMP. INDIRECTLY HEATED OUTPUT PENTODE

The Cossor 40 P.P.A. is a L.F. pentode valve of the indirectly heated cathode type and its undistorted output is adequate for all domestic uses; in common with the others of the range it requires a heater current of ·2 amp., and is designed for series running such as in A.C./D.C. or D.C. receivers.

It will be noted that the valve is designed for a maximum anode and screen voltage of 150 volts owing to the fact that in general, no greater voltage can be obtained in the type of receivers in which it is used. These values must never be exceeded.

### TECHNICAL DATA

Heater Voltage (approx.)	.. .. .	40
Heater Current (Amps.)	.. .. .	·2
Mutual Conductance at $V_a$ 100, $V_{g2}$ 100, $V_g$ - 0	.. .. .	4·0 m.a./v.
Maximum Anode Voltage	.. .. .	150
Maximum Screen Voltage	.. .. .	150
Grid Bias (Anode and Screen Volts 150)	.. .. .	-25 v.
Anode Current for 150 Anode and Screen Volts and -25 volts Grid Bias	.. .. .	36 m.a.
Maximum Anode Dissipation	.. .. .	8 watts.
Optimum Load	.. .. .	4000 ohms.

(The Screen Voltage should never exceed the Anode Voltage).

