

# COSSOR 215 P.

## 2-VOLT POWER VALVE

The Cossor 215 P. is a power valve designed for use in the output stage of receivers operating with high resistance speakers of the reed or balanced armature type. Under these conditions, it will provide good volume for an H.T. consumption of 6—10 m./a. Choke filter output is unnecessary under these conditions. When used with medium or low resistance speakers, a condenser having a value between .002 and .01 mfd. should be connected between the anode of the valve and H.T. — in order to maintain an even frequency response.

### TECHNICAL DATA

For Normal Power Work.	
Filament Voltage .. .. .	2
Filament Current (Amps.) .. .. .	.15
Impedance (ohms) .. .. .	4,000
Amplification Factor .. .. .	9
Mutual Conductance .. .. .	2.25 m.a./v.
Maximum Anode Voltage .. .. .	150
Grid Bias for 150 Anode Volts .. .. .	$-7\frac{1}{2}$ v.
Anode Current for 150 Anode Volts with -7½ volts Grid Bias (Average) .. .. .	10 m.a.
Normal Anode Working Voltage (approx.)	120
Optimum Load .. .. .	9,000 ohms

