

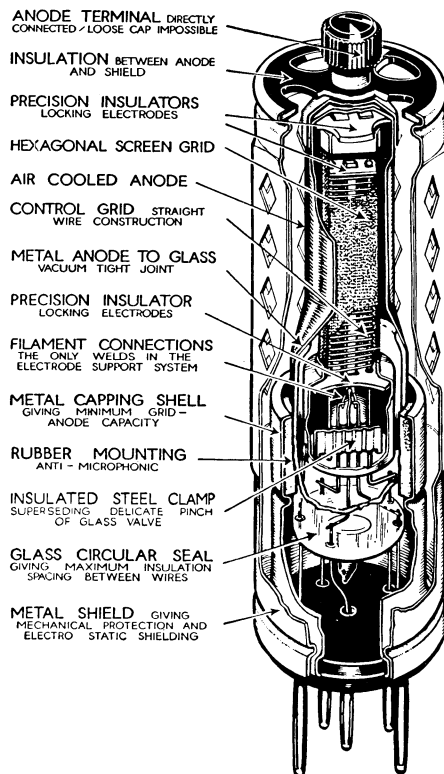
# OSRAM Catkin Valves

## METAL instead of GLASS

OSRAM (CATKIN) VALVES are an entirely new development in the technique of Valve design. Their entrance into the field of Radio is recognised as an innovation of vital importance to both designer and user alike. OSRAM (CATKIN) VALVES are the result of intense scientific research by the General Electric Co. Ltd., England, and are marketed in Australia by their Australian Sole Agents, The British General Electric Co. Ltd. The following are the principal characteristics of OSRAM (CATKIN) Valves :

Rigid construction with greater precision in the setting up of electrodes, together with better cooling, combine to enable the valves to give better results than hitherto.

The method of bringing the leads out at the base of the valve reduces losses to a minimum and improves insulation. The valve is unbreakable and cannot become loose or detached from its socket. It is carried in a non-microphonic mounting and is totally screened.



## CHARACTERISTICS AND SOCKET CONNECTIONS

FILAMENTS — 4 VOLTS, 1 AMP.

Type	Purpose	Avg. Anode Volts	Avg. Screen Volts	Avg. Anode Current M/A	Avg. Screen Current M/A	Neg. Grid Bias Volts	Resistance A.C. ohms	Amplification Factor	Mutual Conductance MA/V.	Valve Socket No.	Price List
MH4/K/M	Triode .. ..	200	—	4.5	—	3.0	11,100	4	3.6	1	17/6
MS4B/K/M	Screen Grid .. ..	200	80	3.4	1.2	—	350,000	1,120	3.2	2	20/-
VMS4/K/M	Variable Mu .. ..	200	80	10.0	2.0	0/30	—	—	2.2/.03	2	20/-
MPT4/K/M	Pentode .. ..	250	250	32.0	8.0	13.0	40,000	120	3.0	3	23/-
MHD4	Double Diode Triode	200	—	3.0	—	3.0	18,200	40	2.2	4	18/6
U12	Full Wave Rectifier	RMS 350.0.350									14/6

D.C. Output 120 M.A. at 320v.

## BRITISH GENERAL ELECTRIC CO. LTD.

“ Magnet House ”

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AND AT 141 SCOTT STREET, NEWCASTLE