

MARCONI VALVES

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TYPE U 9

DULL EMITTER FULL WAVE RECTIFYING VALVE



Approximate Overall Dimensions.

135 x 56mm.

Filament volts	4.0 max.
Filament current	1.0 amp.
Anode volts (max.)	250 + 250 RMS.
Impedance (two anodes in parallel)	220 ohms.
Rectified current	75 milliamperes (max.)

Price, 20/-

The U 9 type valve is a dull emitter rectifying valve incorporating a dual electrode system in one bulb. Rectification of both half cycles of the A.C. wave is obtained, when the valve is used in High Tension Battery Eliminators fed from A.C. mains, with a consequent simplification of the necessary smoothing system.

The input voltage to the anodes should not exceed 250 volts RMS, and the rectified current as measured on a moving coil meter should not exceed 75 milliamperes. The output of the U 9 is suitable for the operation of multi-valve receivers, and when used in conjunction with Super Power Valves is sufficient for loud speakers of the larger types.

The filament voltage should not exceed 4.0 volts, and the output voltage should not be controlled by variation of the filament brilliancy. Attention to these details will ensure a long useful life.

Variation in output voltage may be obtained in the following manner:—

1. By tapings on the transformer secondary.
2. By the use of resistances in series with the output.
3. By the use of a potentiometer. The sum of the potentiometer and load currents must not exceed the maximum output current of 75 milliamperes.

The valve in the purple box