

MARCONI VALVES

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TYPE U4

RECTIFYING VALVE



*Approximate Dimensions,
125 m/m × 56 m/m.*

A Two-electrode Dull-emitter Valve designed for use as a rectifier for supplying high-tension current for wireless receivers from alternating current mains through a suitable smoothing circuit. The valve provides half-wave rectification at Alternating Current input voltages up to 220 volts (R.M.S.). The maximum rectified current, as measured with a moving coil meter, should not exceed 15 milliamps. This current is sufficient for most receivers other than those employing special power valves.

The normal filament voltage is 5.8 volts and it is important that this voltage should not become less than 5.6 or more than 6.0 volts through variations in the supply voltage or any other reason, otherwise its life will be considerably shortened. The rectified voltage must not, in any case, be adjusted by dimming the filament as this is harmful to the valve. If adjustment is desired other than that provided by transformer tapings a variable high-resistance should be connected in series with the load.

Filament Volts	...	...	...	...	...	5.6/6.0
Filament Current	...	...	...	...	...	.25 amps.
Anode Volts (R.M.S.)	...	...	...	...	...	220 max.
Impedance	...	...	...	...	...	1,200 ohms.
Max. rectified current	...	...	...	...	...	15 milliamperes.

Price 15/-

The valve in the purple box