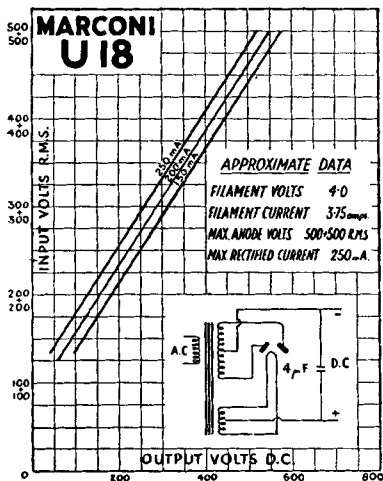


Marconi U18

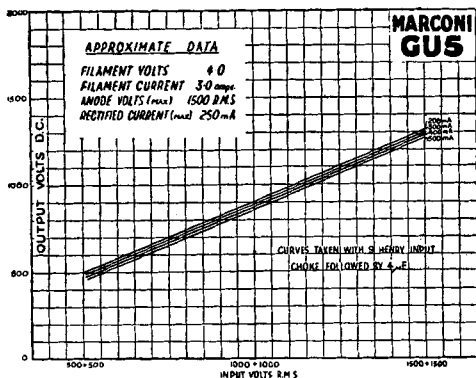
Full Wave Rectifier



U18 is a directly heated rectifier of sturdy construction giving an output of 250 mA at over 500 volts. This valve enables the users of big gear to avoid the disadvantages of rectifiers in parallel or the delayed switching of mercury vapour types.

Price **15/-**

Overall Dimensions: 135 × 57 mm.



Marconi GU5 and GUI

Half Wave Mercury Vapour Rectifiers

GU5 and GUI are half wave hot cathode mercury vapour rectifiers, recommended when heavy currents are required at voltages in excess of 500. The valves are in general similar but GU5 has its anode connection taken to a top cap so that its rating is 1500v. R.M.S.

The maximum rectified current is 250 mA in each case. Delayed switching of the H.T. must be employed. These rectifiers give high efficiency owing to the very low voltage drop, about 15 volts, and excellent regulation is obtainable by virtue of the very low effective internal resistance. To avoid damage to the valve from unduly high peak current a choke should precede the first smoothing condenser, with 4 mfd. the minimum valve is 1 Henry. Larger values will often be used to give the necessary regulation when fluctuating loads such as class 'B' amplifiers are being supplied.

Overall Dimensions:
 GU5 145 × 51 mm.
 GUI 110 × 45 mm.

Price **25/-** each.