

# MARCONI VALVES

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for operating from A.C. Mains

### TYPE HL POINT 8

DULL EMITTER A.C. HIGH FREQUENCY AND LOW FREQUENCY AMPLIFYING VALVE.



*Approximate  
Overall Dimensions,  
103 x 46 mm.*

Fil. Volts .....0.8 max.  
Fil. Current .....0.8 amps.  
Anode Volts .....150 max.  
\*Amp. Factor .....17  
\*Impedance 17,000 ohms.  
\*Normal Slope 1.00 Ma/v.  
\*At Anode Volts 100  
Grid Volts 0

Price, 15/-

The HL.8 is a valve designed to work without a low tension battery. The filament should be operated directly from the Alternating Current Mains through a suitable transformer. For this purpose it is constructed to consume a moderately high current at a very low voltage; this has the effect of materially reducing the introduction of A.C. hum into the Receiving set.

The Valve has characteristics making it specially suitable for the following purposes:

1. In high frequency amplifying circuits, where some form of stabilising or damping is employed.
2. As a detector valve using anode bend rectification. Anode volts 75 to 150, negative grid bias 3 to 7½ volts. This valve is not recommended for use as a detector using grid leak and condenser.
3. In the first stage of low frequency amplifiers.

*Approximate Operating Data—  
Neglecting Resistance of Output Circuit.*

Anode Volts	Negative Grid Bias Volts	Anode Current in milliamperes
150	3 to 4.5	3.5 to 2.2
120	3	2.0
90	1.5	1.7

*The valve in the purple box*