



UU.6

A.C. MAINS RECTIFYING VALVE

RATING.

Heater Voltage	4.0
Heater Current (amps.)	1.4
Maximum Anode Volts (RMS) per anode	350
Maximum Total Mean Anode Current (mA)	120
Maximum Reservoir Capacity (μ F)	16

TYPICAL OPERATION.

Full Wave Rectifier.

Volts R.M.S. per anode ...	300	350	300	350	300	350
*Mean Rectified Volts (approx.)	360	425	340	405	325	395
Mean Rectified Current (mA)	60	60	90	90	120	120
Reservoir Capacity (μ F) ...	8	8	8	8	8	8

*The above D.C. Output volts assume very low transformer resistances and reactances. In practice the D.C. output is not increased by changing from 8 to 16 μ F, but the hum ripple is reduced.

DIMENSIONS.

Maximum Overall Length	97 mm.
Maximum Diameter	32 mm.

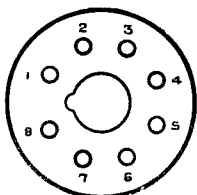
GENERAL.

The UU.6 is an indirectly heated rectifier designed for use in A.C. Mains receivers. The bulb is of small dimensions and metallised. In view of this the valve will be found suitable for mains portable receivers or any receivers where rectifier hum trouble is experienced due to cramped lay-out. The valve is fitted with a British Octal Base, the connections to which are given overleaf.



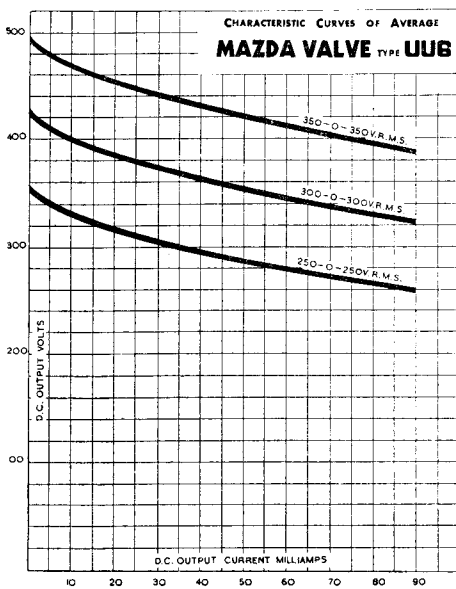


BASING.



- Pin No. 1. Heater and Cathode
- 2. Omitted.
- 3. Anode.
- 4. Omitted.
- 5. Anode.
- 6. Metallising.
- 7. Omitted.
- 8. Heater.

Viewed from the free end of the base.



Mazda Radio Valves are manufactured in Great Britain for
the British Thomson-Houston Co. Ltd., London and Rugby.