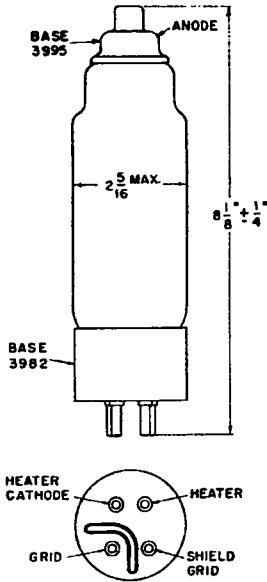




RMA TYPE 672
GRID CONTROLLED MERCURY
VAPOR RECTIFIER

sponsor:
 Westinghouse Electric Corp.



GENERAL CHARACTERISTICS

- Air Cooled Tetrode
- Heater Voltage..... 5 Volts
- Heater Current..... 6 Amperes
- Cathode Heating Time..... 5 Minutes
- Grid Current, Max., just before
 Conduction, Grid Negative..... 2 Microamperes
- Ionization Time..... 10 Microseconds
- Deionization Time..... 1000 Microseconds
- Tube Voltage Drop..... 12 Volts
- Capacitance, Anode-Grid..... 0.04 uuf
- Capacitance, Anode-Shield Grid..... 3 uuf
- Control Characteristic..... Negative
- Mounting Position..... Pin Base Down
- Temperature, Optimum, Condensed
 Mercury..... *45° to 50° C

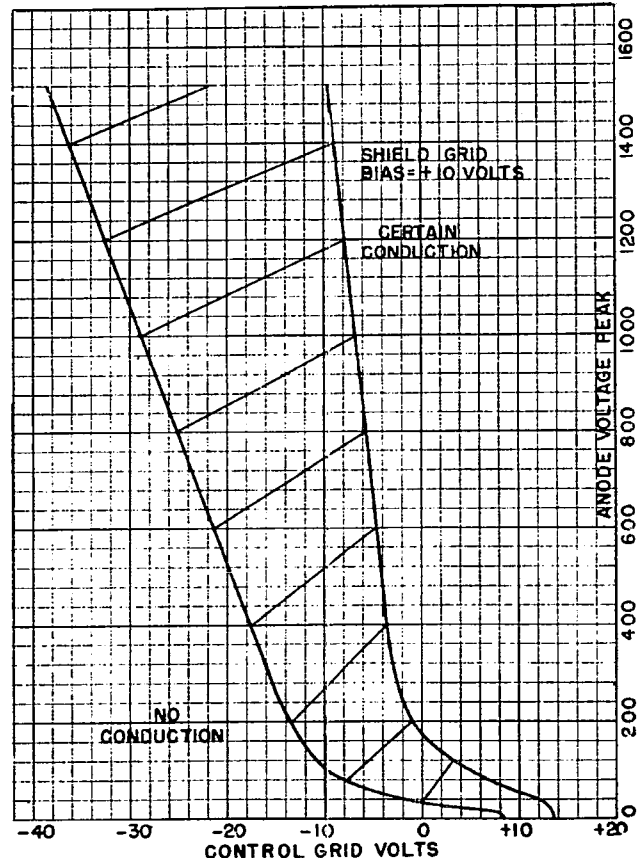
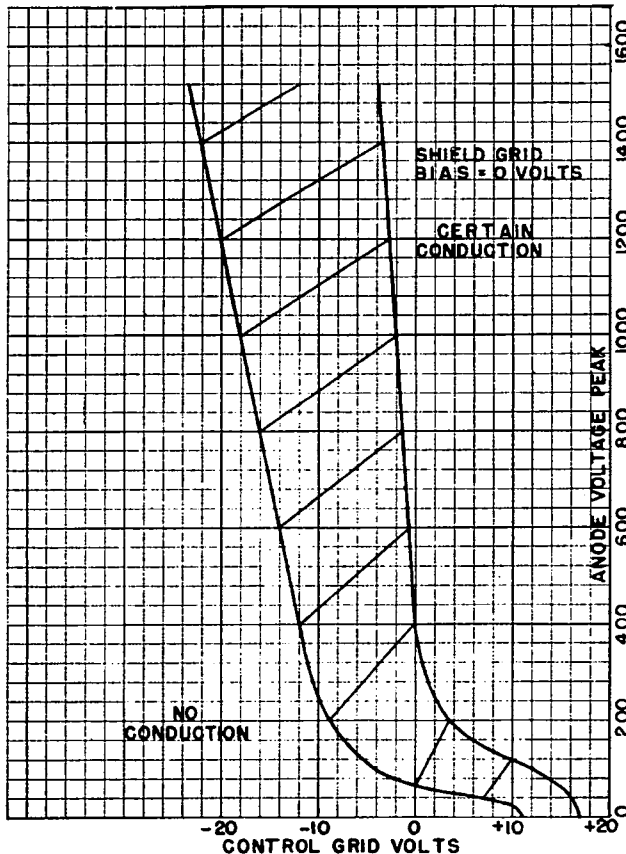
MAXIMUM RATINGS

Up to 150 Cycles

- Anode Voltage, Peak Forward..... 1500 Volts
- Anode Voltage, Peak Inverse..... 1500 Volts
- Anode Current, Average..... 2.5 Amperes
- Anode Current, Peak..... 30 Amperes
- Anode Current, Surge, for design only..... 150 Amperes
- Grid Voltage, Peak Negative, before Conduction... 1000 Volts
- Grid Current, Average Positive, Anode Pos..... 0.25 Ampere

- Grid Current, Peak Positive, Anode Positive..... 1.0 Ampere
- Shield Grid Voltage, Peak Neg., before Conduction.. 300 Volts
- Shield Grid Current, Positive, Ave. Anode Pos... 0.25 Ampere
- Shield Grid Current, Peak Positive, Anode Pos.... 1.0 Ampere
- Averaging Time, Anode and Grid Currents..... 15 Seconds
- Temperature Range, Condensed Mercury..... *40° to 80° C

*Measured at top edge of base.



Space between limiting curves indicates variations which may be expected in individual tubes initially and throughout life when operated within the specified temperature limits.