GENERAL CHARACTERISTICS

(a) Xenon-filled
(b) 1 control grid

ELECTRICAL

(c) Filament or Cathode
Voltage
Current
Heating Time

Approximate Tube Voltage Drop
Approximate Deionization Time

(g) Grid Characteristics with all returns to center tap.
Critical Grid Voltage at rated voltage
" " " " " " 100 volts
Critical Anode Voltage at 13 volts

MECHANICAL

(d) Type of cooling
(e) Temperature Limits
Mounting position
(f) Base
(g) Cap
(base) Base Connections

(i) Maximum Overall Dimensions
Length
Diameter

MAXIMUM RATINGS

Peak Inverse Voltage
Peak Forward Voltage
Peak Anode Current
Average Anode Current
Averaging Time for Anode Current

Oxide coated

Volts
Amps.
Sec.

Volts

Volts
Volts

Volts

Convection

-50 to +70

Upright, base down
See drawing
See drawing

9 1/2 IN.
2.1 IN.

500 Volts
350 Volts
77 Amps.
6.4 Amps.
15 Sec.

Sponsor CONTINENTAL ELECTRIC COMPANY
Date September 15, 1946
By John H. Hutchings

*Operation should be satisfactory in a half-wave, grid controlled rectifier test at 125 vac, 2800 cps, 5 amps d.c., resistance load.

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