

RADIOTRON

5Y3-G

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SHEET 1

FULL-WAVE HIGH-VACUUM RECTIFIER

Filament	Coated	
Voltage	5.0	a-c volts
Current	2.0	amp.
Maximum Overall Length		4-5/8"
Maximum Diameter		1-13/16"
Bulb		ST-14
Mounting Position		*Vertical
Base		Medium Shell Octal 5-Pin

Pin 1-No Connection
Pin 2-Filament
Pin 5-Plate # 2



Pin 6-Plate # 1
Pin 8-Filament.

BOTTOM VIEW (G-5T)

FULL-WAVE RECTIFIER

Peak Inverse Voltage	1400	max. volts
Peak Plate Current per Plate	375	max. ma.

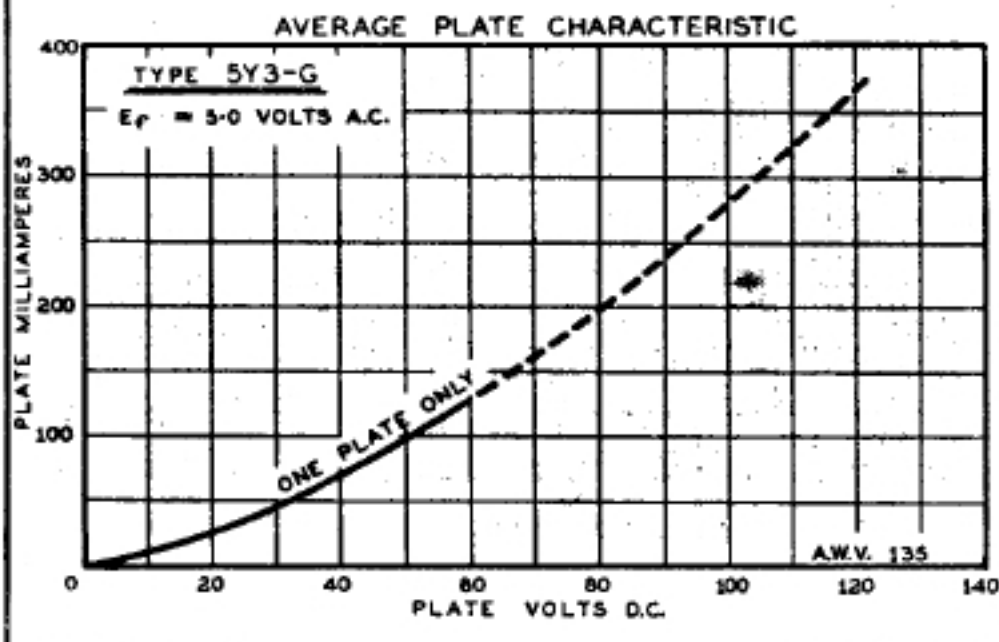
Typical Operation With Condenser-Input Filter:-

A-C Plate Voltage per Plate (RMS)	350	400	volts
Total Effective Plate Supply Impedance per Plate	10	80 min.	ohms
First Filter Condenser Capacitance	40	8 max.	μ F.
D-C Output Current	125	125 max.	ma.

Typical Operation with Choke-Input Filter:-

A-C Plate Voltage per Plate (RMS)	500 max.	volts
Input-Choke Inductance	5 min.	henries
D-C Output Current	125 max.	ma.

*Horizontal operation permitted if pins 1 and 8 are in horizontal plane.

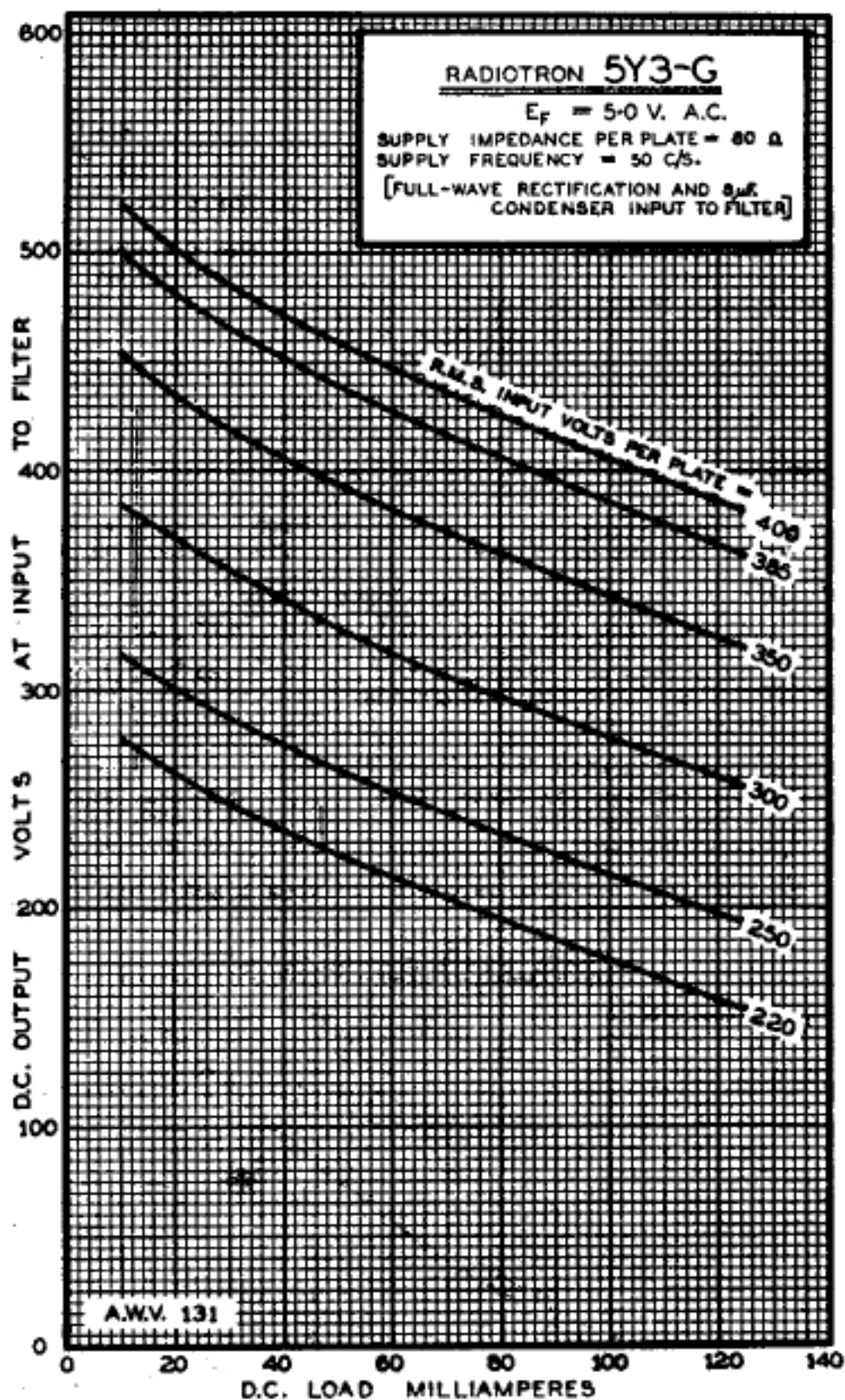


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OPERATION CHARACTERISTICS

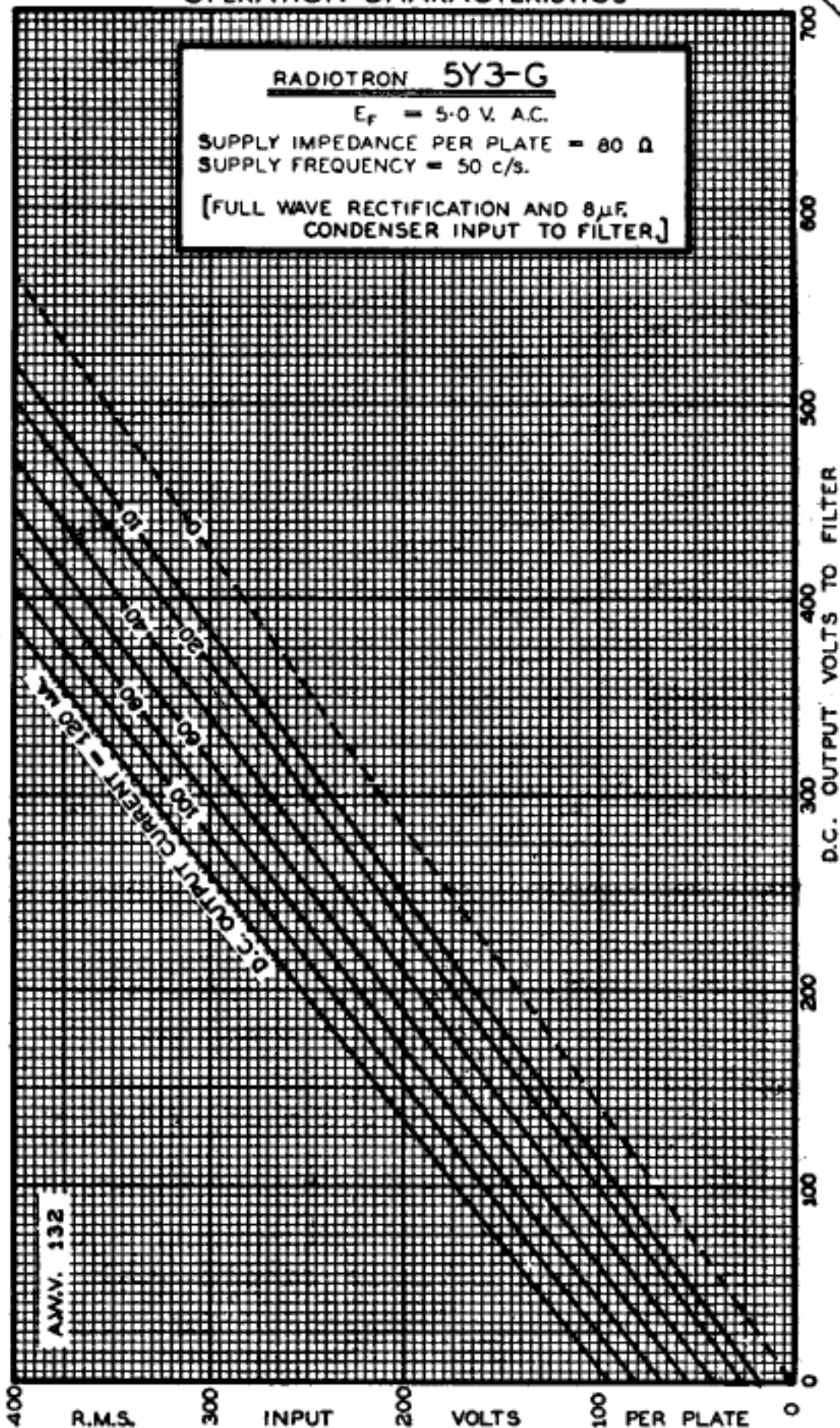


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OPERATION CHARACTERISTICS

5Y3-G
SHEET 2



AMALGAMATED WIRELESS VALVE CO. PTY. LTD.

SEPTEMBER, 1940

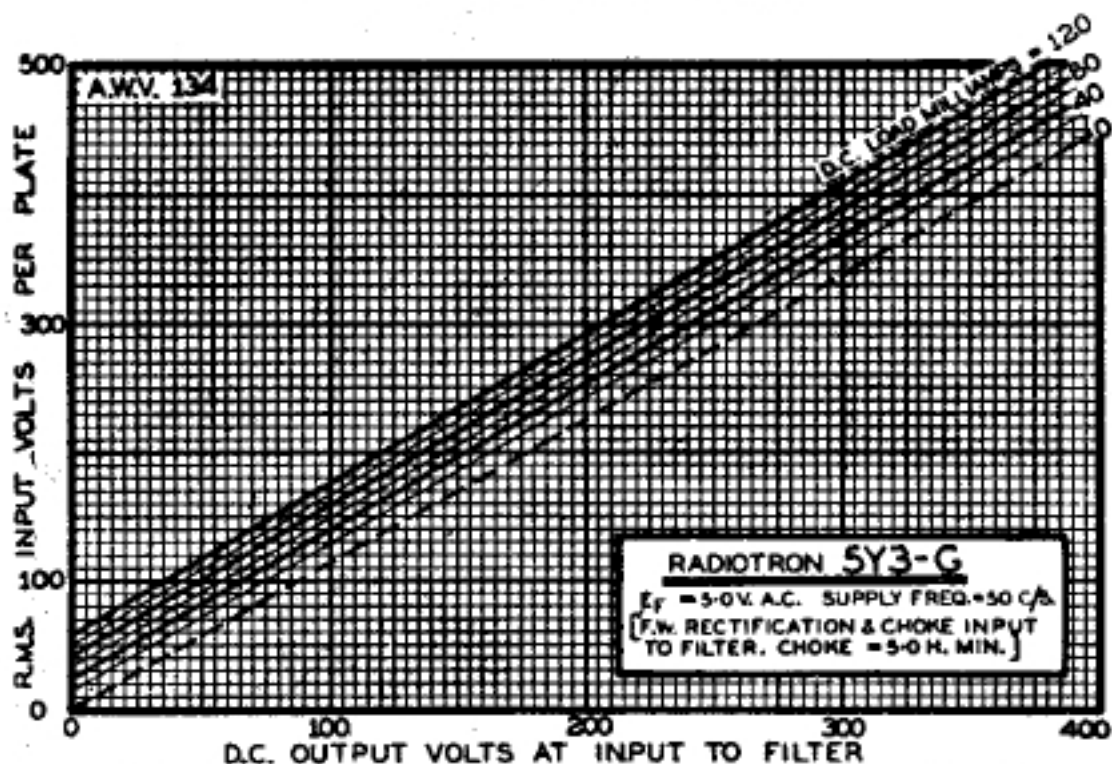
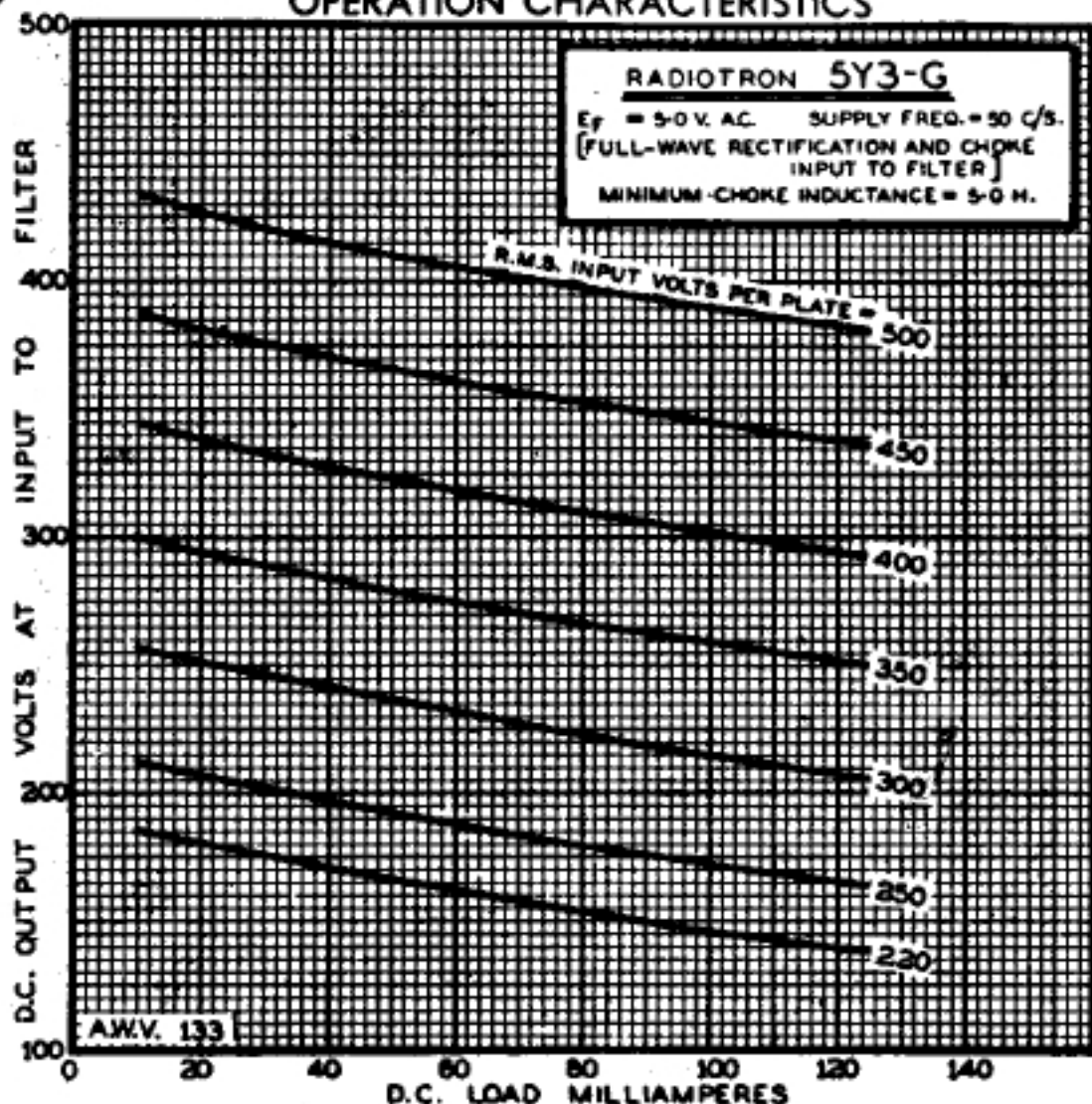
SYDNEY, AUSTRALIA

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OPERATION CHARACTERISTICS



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