



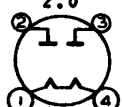
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### FULL-WAVE HIGH-VACUUM RECTIFIER

Filament	Coated	
Voltage	5.0	a-c volts
Current	2.0	amp.
Maximum Overall Length		4-11/16"
Maximum Diameter		1-13/16"
Bulb		ST-18
Base		Medium 4-Pin
Pin 1 - Filament		Pin 3 - Plate #1
Pin 2 - Plate #2		Pin 4 - Filament
Mounting Position	BOTTOM VIEW (4C)	Vertical ◊




◊ Horizontal operation permitted if pins 1 and 4 are in horizontal plane.

*Maximum Ratings, Typical Operating Conditions, and Curves are the same as those for Type 5Y3-G.*

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### HALF-WAVE HIGH-VACUUM RECTIFIER

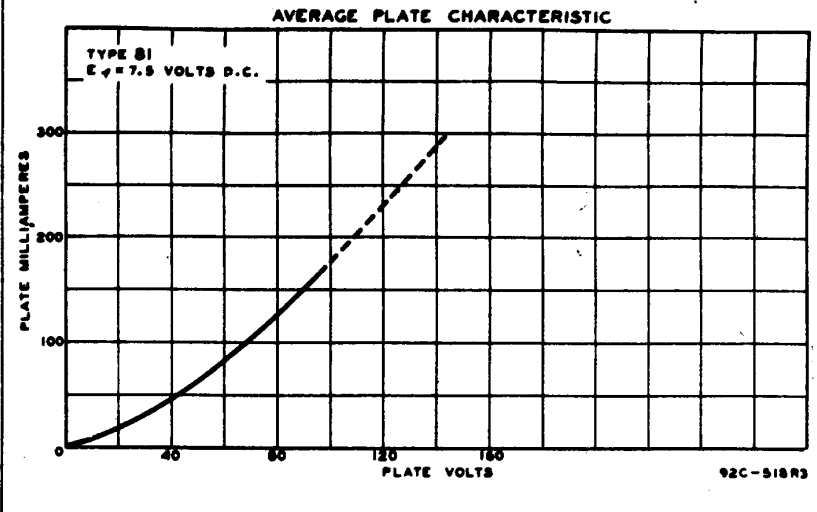
Filament	Coated	
Voltage	7.5	a-c volts
Current	1.25	amp.
Maximum Overall Length		6-1/4"
Maximum Diameter		2-7/16"
Bulb		ST-19
Base		Medium 4-Pin, Bay.
Pin 1 - Filament		Pin 3 - No Connection
Pin 2 - Plate		Pin 4 - Filament
Mounting Position	BOTTOM VIEW (4B)	Vertical ◊



#### HALF-WAVE RECTIFIER

Peak Inverse Voltage 2000 max. volts  
 Peak Plate Current 500 max. ma.  
 Typical Operation with Condenser- or Choke-Input Filter:  
 A-C Plate Voltage (RMS) 700 max. volts  
 D-C Output Current 85 max. ma.

◊ Horizontal operation permitted if pins 1 and 4 are in vertical plane.



FEB. 2, 1940

RCA RADIOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

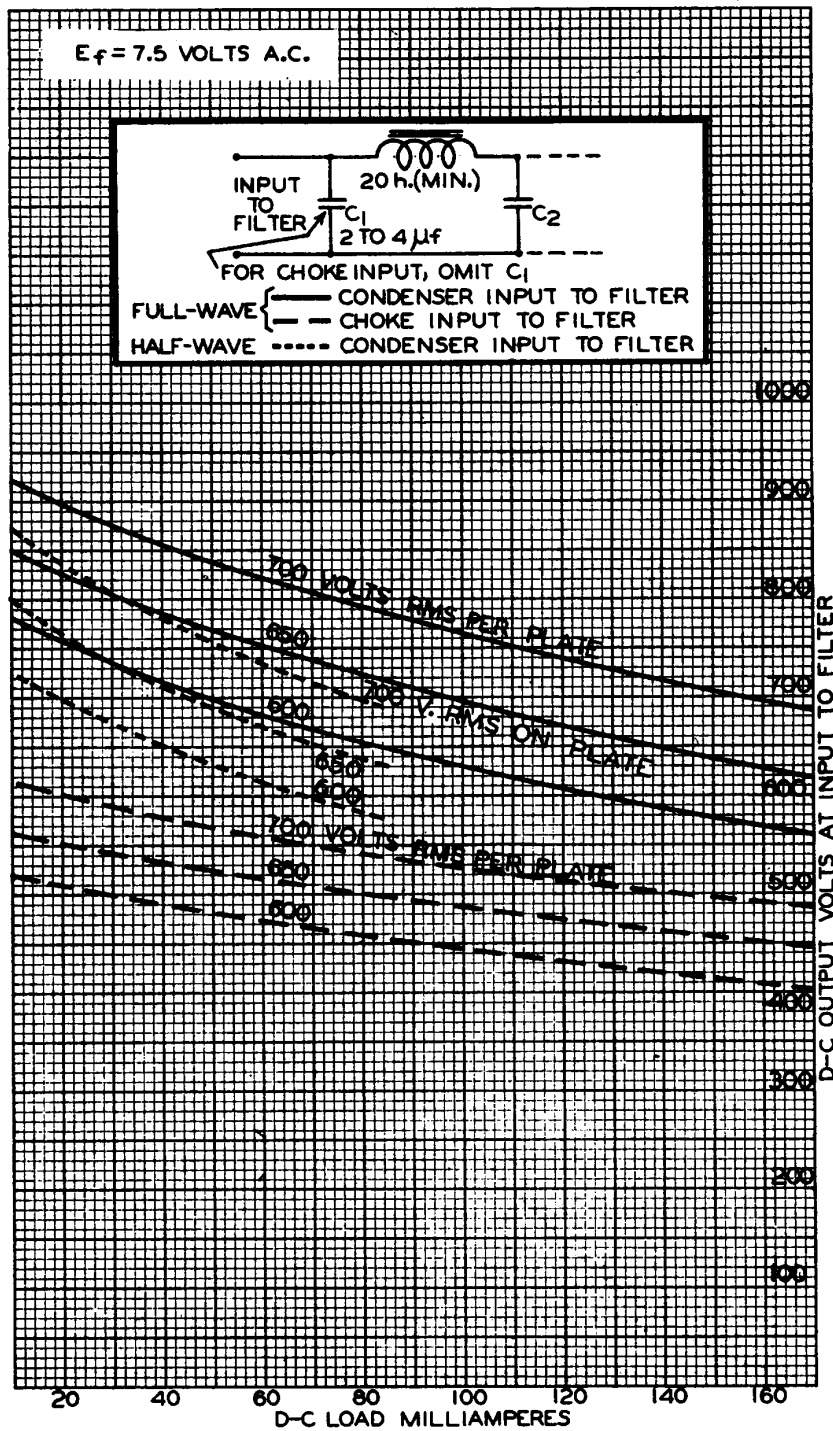
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## OPERATION CHARACTERISTICS



JAN. 18, 1940

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