

## DETECTOR, AMPLIFIER

Filament	Thoriated Tungsten	
Voltage	5.0	d-c volts
Current	0.25	amp.

**Direct Interelectrode Capacitances:**

Grid to Plate	8.1	μf
Grid to Filament	3.1	μf
Plate to Filament	2.2	μf

Maximum Overall Length	4-11/16"
Maximum Diameter	1-13/16"
Bulb	ST-14
Base	Medium 4-Pin Bayonet

Pin 1-Filament+		Pin 3-Grid
Pin 2-Plate		Pin 4-Filament-

BOTTOM VIEW

### AMPLIFIER (Class A)

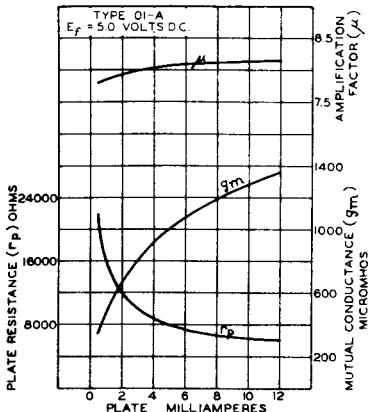
**Operating Conditions and Characteristics:**

Filament	5.0	5.0	
Plate	90	135 max.	d-c volts
Grid	-4.5	-9	volts
Amp. Fact.	8	8	
Plate Res.	11000	10000	ohms
Mut. Cond.	725	800	μmhos
Plate Cur.	2.5	3	ma.

### DETECTOR

<b>Typical Operation:</b>	<i>Biased</i>	<i>Grid-Leak</i>	
Filament	5.0	5.0	d-c volts
Plate	90	135 max.	volts
Grid (approx.)	-7.5	-13.5	volts
Plate Cur.	Adjusted to 0.2 ma. with no input signal.		Return to (+)Fil. volts
Grid Leak	-	-	0.25" to "ε megohms
Grid Condenser	-	-	0.00025 μf

### AVERAGE CHARACTERISTICS

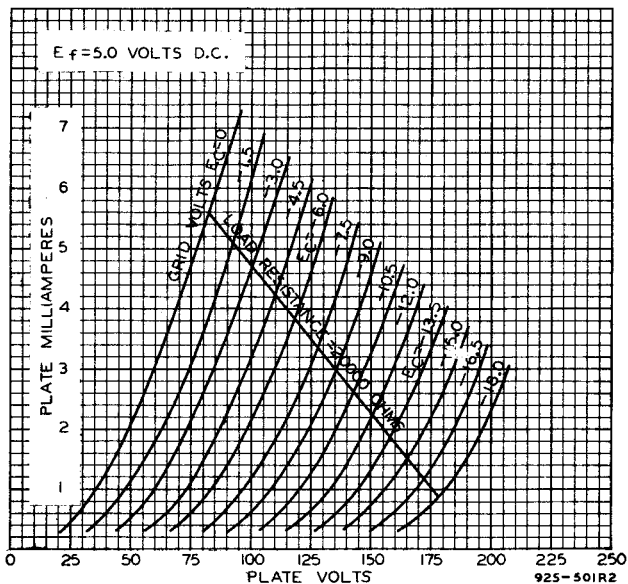


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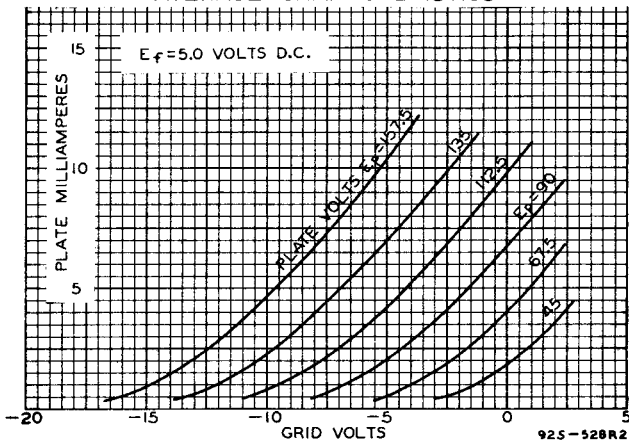

**Cunningham**  
**Radiotron**


RCA-01-A

## AVERAGE PLATE CHARACTERISTICS



## AVERAGE CHARACTERISTICS



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RCA RADIIOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

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