

RCA- 57	BIASED DETECTOR	SMALL 6-PIN	FIG. 11	$4\frac{2}{3}$ "	$1\frac{3}{16}$ "	HEATER	2.5	1.0	A C or D C	250	100	275	6.0 approx.	6.0 approx.	100	Plate current to be adjusted to 0.1 milliamperes with no signal.						
RCA- 58	SUPER-CONTROL R-F AMPLIFIER	SMALL 6-PIN	FIG. 11	$4\frac{2}{3}$ "	$1\frac{5}{16}$ "	HEATER	2.5	1.0	A C or D C	250	100	250	3.0	3.0	100	8.2	3.0 max.	800000	1600	1280	—	—
UV -199 UX -199	DETECTOR, * AMPLIFIER	SMALL 4-NUB SMALL 4-PIN	FIG. 10 FIG. 1	$3\frac{1}{2}$ " $4\frac{2}{3}$ "	$1\frac{1}{16}$ " $1\frac{3}{16}$ "	FILAMENT	3.3	0.063	D C	90	—	90	4.5	—	—	2.5	—	15500	425	6.6	—	—

* For Grid-leak Detection—plate volts 45, grid return to + filament or to cathode.
† Applied through plate coupling resistor of 250000 ohms.
* Screen current not over $\frac{1}{3}$ of plate current.

‡ Applied through plate coupling resistor of 50000 ohms.
§ Applied through plate coupling resistor of 250000 ohms or 500 henry choke shunted by 0.25 megohm resistor.
¶ Applied through plate coupling resistor of 100000 ohms.

POWER AMPLIFIERS

RCA-210	POWER AMPLIFIER	MEDIUM 4-PIN	FIG. 1	$5\frac{5}{8}$ "	$2\frac{3}{16}$ "	FILAMENT	7.5	1.25	A C or D C	425	—	250 350 425	18.0 27.0 35.0	22.0 31.0 39.0	—	10.0 16.0 18.0	—	6000 5150 5000	1330 1550 1600	8.0 8.0 8.0	13000 11000 10200	400 900 1600	
UX -112-A	POWER AMPLIFIER	MEDIUM 4-PIN	FIG. 1	$4\frac{1}{16}$ "	$1\frac{1}{16}$ "	FILAMENT	5.0	0.25	D C	180	—	135 180	9.0 13.5	—	—	6.2 7.6	—	5300 5000	1600 1700	8.5 8.5	8700 10800	115 260	
UX -120	POWER AMPLIFIER	SMALL 4-PIN	FIG. 1	$4\frac{1}{8}$ "	$1\frac{3}{16}$ "	FILAMENT	3.3	0.132	D C	135	—	90 135	16.5 22.5	—	—	3.0 6.5	—	8000 6300	415 525	3.3 3.3	9600 6500	45 110	
RCA-231	POWER AMPLIFIER	SMALL 4-PIN	FIG. 1	$4\frac{1}{4}$ "	$1\frac{5}{16}$ "	FILAMENT	2.0	0.130	D C	180	—	135 180	22.5 30.0	—	—	8.0 12.3	—	4100 3600	925 1050	3.8 3.8	7000 5700	185 375	
RCA-233	POWER AMPLIFIER	MEDIUM 5-PIN	FIG. 6	$4\frac{1}{16}$ "	$1\frac{1}{16}$ "	FILAMENT	2.0	0.26	D C	135	135	135	13.5	—	135	14.5	3.0	50000	1450	70	7000	700	
RCA-238	POWER AMPLIFIER	SMALL 5-PIN	FIG. 9	$4\frac{1}{16}$ "	$1\frac{5}{16}$ "	HEATER	6.3	0.3	D C	135	135	135	13.5	—	135	9.0	2.5	102000	975	100	13500	525	
UX -245	POWER AMPLIFIER	MEDIUM 4-PIN	FIG. 1	$5\frac{5}{8}$ "	$2\frac{3}{16}$ "	FILAMENT	2.5	1.5	A C or D C	275	—	180 250	33.0 48.5	34.5 50.0	—	27.0 34.0	—	1900 1750	1850 2000	3.5 3.5	3500 3900	780 1600	
RCA- 46	POWER AMPLIFIER CLASS A D	MEDIUM 5-PIN	FIG. 7	$5\frac{5}{8}$ "	$2\frac{3}{16}$ "	FILAMENT	2.5	1.75	A C or D C	250	—	250	31.5	33.0	—	22.0	—	2380	2350	5.6	6400	1250	
RCA- 46	POWER AMPLIFIER CLASS B	MEDIUM 5-PIN	FIG. 7	$5\frac{5}{8}$ "	$2\frac{3}{16}$ "	FILAMENT	2.5	1.75	A C or D C	400	—	300 400	0 0	0	—	For these characteristics, refer to text on 46 in Manual						1300 1450	16000 20000
RCA-247	POWER AMPLIFIER	MEDIUM 5-PIN	FIG. 6	$5\frac{5}{8}$ "	$2\frac{3}{16}$ "	FILAMENT	2.5	1.75	A C or D C	250	250	250	15.0	16.5	250	31.0	6.0	60000	2500	150	7000	2500	
UX -250	POWER AMPLIFIER	MEDIUM 4-PIN	FIG. 1	$6\frac{1}{4}$ "	$2\frac{1}{16}$ "	FILAMENT	7.5	1.25	A C or D C	450	—	350 400 450	59.0 66.0 80.0	63.0 70.0 84.0	—	45.0 55.0 55.0	—	1900 1800 1800	2000 2100 2100	3.8 3.8 3.8	4100 3670 4350	2400 3400 4600	
UX -171-A	POWER AMPLIFIER	MEDIUM 4-PIN	FIG. 1	$4\frac{1}{16}$ "	$1\frac{1}{16}$ "	FILAMENT	5.0	0.25	A C or D C	180	—	90 135 180	16.5 27.0 40.5	19.0 29.5 43.0	—	12.0 17.5 20.0	—	2750 1960 1850	1330 1520 1620	3.0 3.0 3.0	3200 3500 5350	125 370 700	

● Two grids tied together.

⊙ Grid next to plate tied to plate.

RECTIFIERS

UX -280	FULL-WAVE RECTIFIER	MEDIUM 4-PIN	FIG. 2	$5\frac{5}{8}$ "	$2\frac{3}{16}$ "	FILAMENT	5.0	2.0	A C	A-C Voltage per Plate (Volts RMS)..... 350 400 550 D-C Output Current (Maximum MA.)..... 125 110 135 The 550 volt rating is permissible only with filter circuits having an input choke of at least 20 henries.											
UX -281	HALF-WAVE RECTIFIER	MEDIUM 4-PIN	FIG. 3	$6\frac{1}{4}$ "	$2\frac{7}{16}$ "	FILAMENT	7.5	1.25	A C	A-C Plate Voltage (Maximum Volts RMS)..... 700 D-C Output Current (Maximum MA.)..... 85 For d-c output voltage delivered to filter of typical rectifier circuit refer to curves in Manual.											
RCA- 82	FULL-WAVE MERCURY-VAPOR RECTIFIER	MEDIUM 4-PIN	FIG. 2	$4\frac{1}{16}$ "	$1\frac{1}{16}$ "	FILAMENT	2.5	3.0	A C	Maximum A-C Voltage per Plate..... 500 Volts, RMS Maximum D-C Output Current, Continuous..... 125 Milliamperes Approximate Tube Voltage Drop..... 15 Volts Maximum Peak Inverse Voltage..... 1400 Volts Maximum Peak Plate Current..... 400 Milliamperes											
RCA-866	HALF-WAVE MERCURY-VAPOR RECTIFIER	MEDIUM 4-PIN	—	$6\frac{5}{8}$ "	$2\frac{7}{16}$ "	FILAMENT	2.5	5.0	A C	Maximum Peak Inverse Voltage..... 7500 Volts Maximum Peak Plate Current..... 0.6 Ampere Approximate Tube Voltage Drop..... 15 Volts For additional information refer to Technical Bulletin.											

REGULATORS

UX -874	VOLTAGE REGULATOR	MEDIUM 4-PIN	—	$5\frac{5}{8}$ "	$2\frac{3}{16}$ "	Designed to keep output voltage of B-Eliminators constant when different values of "B" current are supplied.				Operating Voltage..... 90 Volts D C Starting Voltage..... 125 Volts D C Operating Current..... 10-50 Milliamperes			
UV -876	CURRENT REGULATOR (BALLAST TUBE)	MOGUL	—	8"	$2\frac{3}{16}$ "	Designed to insure constant input to power operated radio receivers despite fluctuations in line voltage.				Operating Current..... 1.7 Amperes Voltage Range..... 40-60 Volts			
UV -886	CURRENT REGULATOR (BALLAST TUBE)	MOGUL	—	8"	$2\frac{1}{16}$ "	Designed to insure constant input to power operated radio receivers despite fluctuations in line voltage.				Operating Current..... 2.05 Amperes Voltage Range..... 40-60 Volts			

For other RCA Radiotrons of special interest to the radio amateur, refer to inside of back cover.