

Tube Type	Classification by Construction	Base Connections	Outline Dwg	Type Cathode	Filament Volts	Filament Amp	Max Plate Volts	Max Screen Volts	Capacitance in Micromicrofarads		
									Input	Out-put	Grid-plate
6U8	Triode-Pentode	9AE	6-2	Htr	6.3	0.45	300	150	Pentode Section		
							300	—	Triode Section		
6V3 6V3-A	Half-Wave High-Vacuum Rectifier	9BD	6-7 T-X	Htr	6.3	1.75	Tube Voltage Drop: 19 v at 250 ma d-c				
6V4	Full-Wave High-Vacuum Rectifier	9M	6-4	Htr	6.3	0.6	Tube Voltage Drop: ♦ 20 v at 45 ma d-c				
6V5-GT	Beam Power Amplifier	6AO	9-11	Htr	6.3	0.45	315	285	—	—	—
6V6	Beam Power Amplifier	7AC	8-6	Htr	6.3	0.45	315	285	Single Tube		
									2 Tubes, Push-pull		
6V6-GT	Beam Power Amplifier	7AC	9-11 or 9-41	Htr	6.3	0.45	315	285	Single Tube		
							—	—	2 Tubes, Push-Pull		
							315	—	Triode Connection (G ₁ & P tied)		
6V7-G	Duplex-Diode Medium-Mu Triode	7V	12-8	Htr	6.3	0.3	250	—	2.0	3.5	1.7
6V8	Triple-Diode, High-Mu Triode	9AH	6-2	Htr	6.3	0.45	300	—	—	—	—
6W2	Half-Wave High-Voltage Rectifier	6X2	T-X	Htr	6.3	0.08	—	—	—	—	—
6W4-GT	Half-Wave High-Vacuum Rectifier	4CG	9-11 or 9-41	Htr	6.3	1.2	Tube Voltage Drop: 21 v at 250 ma d-c				
6W5-G	Full-Wave High-Vacuum Rectifier	6S	12-7	Htr	6.3	0.9	Tube Voltage Drop: ♦ 24 v at 90 ma d-c				
6W6-GT	Beam Power Amplifier	7AC	9-11 or 9-41	Htr	6.3	1.2	300	150	Pentode Connection		
							300	—	Triode Connection (G ₁ & P tied)		
6W7-G	Sharp-Cutoff Pentode	7R	12-8	Htr	6.3	0.15	300	300	5.0	8.5	0.007
6X2	Half-Wave High-Voltage Rectifier	6X2	T-X	Htr	6.3	0.09	—	—	—	—	♦
6X4	Full-Wave High-Vacuum Rectifier	5BS	5-3	Htr	6.3	0.6	Tube Voltage Drop: ♦ 22 v at 70 ma d-c				
6X5 6X5-GT	Full-Wave High-Vacuum Rectifier	6S	8-6 9-11	Htr	6.3	0.6	Tube Voltage Drop: ♦ 22 v at 70 ma d-c				

Metal tubes are shown in bold-face type, miniature tubes in italics.

[illegible]

5 Approximate

▲ Without external shield.

+ Zero signal.

Grids 3 and 5 are screen. Grid 4 is signal.

* Grids 3 and 4 are screens; Grid 1 is input grid.

Conversion transconductance

♣ Maximum.

♥ Grids 2 and 4 are screen

♥ Grids 2 and 4 are screen, 3 is input grid.

✚ Screen supply voltage.

☐ Absolute ma

Ⓐ For both sections.

* Minimum

9 Heater warm-up time controlled for

4 Heater warm-up in America-string service.

2 Plate supply voltage:

|| Input plate.

1—The dura

not exceed

not exceed 15 percent of one scanning cycle.