

SYLVANIA TUBES — AVERAGE CHARACTERISTICS

Type	Construction			Emitter		Note (1) (2) Capacitances in μft .			Use	Plate Volts	Negative Grid Volts	Screen Volts	Plate Current Ma.	Screen Current Ma.	Plate Resistance Ohms	Transconductance Micromhos	Amplification Factor	Ohms Load for Stated Power Output	Power Output Milli-watts	Type
	Bulb Size or Style	Class	Basing Diag.	Type	Volts	Amps.	Cgp.	Cin.													Cout
00A	ST-14	Triode	4D-0-0	Filament	5.0	0.25	8.5	3.2	2.0	45	0	.....	1.5	.....	30,000	666	.....	.....	OOA
00A3	T-5 1/2	Diode	5B0-0-0	Cold K	.....	.....	.....	.....	.....	Voltage Regulator with starting Voltage at 155, Operating Voltage 150, Operating Current 5 to 30 Ma.									
0A3/VR75	ST-12	Diode	4AJ-0-0	Cold K	.....	.....	.....	.....	.....	Voltage Regulator with starting Voltage at 100, Operating Voltage 75, Operating Current 5 to 40 Ma.									
0A4G	ST-12	Gas Triode	4V-0-0	Cold K	.....	.....	.....	.....	.....	Reby Tube Peak Cathode Ma. = 100 D-C Cathode Ma. = 95 Ma. Max. Starter Anode Drop = 60V. Approx. Anode Drop = 70V. Approx. OA4G									
0A5	T-5 1/2	Gas Pentode	0A5	Cold K	.....	.....	.....	.....	.....	Trigger Grid Voltage = +90 Volts, Trigger Pulse Voltage = 85 Volts, Keep Alive Current = 50 μa . Trigger Grid Circuit Resistance = 0.25 Meg.									
0B2	T-5 1/2	Diode	5B0-0-0	Cold K	.....	.....	.....	.....	.....	Voltage Regulator with starting Voltage at 115, Operating Voltage 105, Operating Current 5 to 30 Ma.									
0B3	ST-12	Diode	4AJ-0-0	Cold K	.....	.....	.....	.....	.....	Voltage Regulator with starting Voltage at 125, Operating Voltage 90, Operating Current 10 Ma. Min. 30 Ma. Max.									
0C3	ST-12	Diode	4AJ-0-0	Cold K	.....	.....	.....	.....	.....	Voltage Regulator with starting Voltage at 135, Operating Voltage 105, Operating Current 5 Ma. Min. 40 Ma. Max.									
0D3	ST-12	Diode	4AJ-0-0	Cold K	.....	.....	.....	.....	.....	Voltage Regulator with starting Voltage at 180, Operating Voltage 150, Operating Current 5 Ma. Min. 40 Ma. Max.									
0Y4	Metal T-7	Gas Diode	4BU-1-0	Cathode	Ionic	.....	.....	.....	.....	H-W Rect. (117 A.C. Volts Per Plate, RMS, 75 Ma. Max., 40 Ma. Min. Output Current, Starter Anode Connects to Anode thru 10 Megohms By-Pass with 009 μft .)									
0Y4G	Metal T-7	Gas Diode	4R-1-0	Cathode	Ionic	.....	.....	.....	.....	F-W Rect. 300 A.C. Volts Per Plate, RMS, 90 Ma. Max. 30 Ma. Min. Output Current.									
0Z4	Metal T-7	Gas Diode	4R-1-0	Cathode	Ionic	.....	.....	.....	.....	F-W Rect. 300 A.C. Volts Per Plate, RMS, 110 Ma. Max., 30 Ma. Min. Output Current.									
0Z4A	T-7	Gas Diode	4R-0-0	Cathode	Ionic	.....	.....	.....	.....	F-W Rect. 300 A.C. Volts Per Plate, RMS, 90 Ma. Max. 30 Ma. Min. Output Current.									
0Z4G	ST-14	Triode	4D-0-0	Filament	5.0	0.25	8.1	3.1	2.2	90	4.5	.....	2.5	.....	11,000	795	.....	.....	0Z4G
0Y1A	T-5 1/2	Diode	5AP-0.5	Cathode	1.4	0.15	.....	.....	.....	Amplifier									
1A3	T-5 1/2	Diode	5AP-0.5	Cathode	1.4	0.15	.....	.....	.....	Detector									
1A4P	ST-12	Pentode	4M-0-4	Filament	2.0	0.06	.007m	5.0	11.0	135	3.0	67.5	9.9	.....	1 Meg.	.....	.....	.....	1A3
1A4T	ST-12	Tetrode	4K-0-3	Filament	2.0	0.06	.010m	5.0	11.0	180	3.0	67.5	2.3	.....	1 Meg.	.....	.....	.....	1A4P
1A5GT	T-9	Pentode	6X-0-0	Filament	1.4	0.05	.....	.....	.....	135	3.0	67.5	2.2	0.7	350,000	695	.....	.....	1A4T
1A6	ST-12	Heptode	6L-0-0	Filament	2.0	0.06	0.25	10.5	9.0	180	4.5	85	3.5	0.7	300,000	800	.....	.....	1A5GT
1A7GT	T-9	Heptode	7Z-1-0	Filament	1.4	0.05	0.5m	7.0	10.0	90	0.0	45	0.55	0.60	600,000	950A	.....	.....	1A6
1A85	Lock-in	Pentode	5BF-L-0	Filament	1.2	0.13	0.25m	2.80	4.2	150	1.5	150	6.8	2.0	120,000	1,350	.....	.....	1A7GT
1AC5	T-3	Pentode	8CP-0-0	Filament	1.25	.040	.....	.....	.....	30	2.0	30	0.5	0.1	900,000	450	.....	.....	1A85
1AD5	T-3	Pentode	8CP-0-0	Filament	1.25	.040	.009	1.9	3.0	45	0	45	0.9	0.2	170,000	600	.....	.....	1AC5
1AE4	T-5 1/2	Pentode	6AR-0-0	Filament	1.25	0.1	.008m	3.6	4.4	90	0	90	3.5	1.2	500,000	1,550	.....	.....	1AD5
1AF4	T-5 1/2	Pentode	6AR-0-1.85	Filament	1.4	0.025	.008m	3.8	7.6	67.5	0	67.5	1.0	0.3	2 Meg.	825	.....	.....	1AE4
1AF5	T-5 1/2	Diode Pent.	6AU-0-0	Filament	1.4	0.025	0.2	2.5	4.3	90	0	90	1.1	0.4	1.8 Meg.	930	.....	.....	1AF4
1AG4	T-9X3	Pentode	1AG4-0-0	Filament	1.25	0.04	.....	.....	.....	90	0	90	4.4	0.6	180,000	1,000	.....	.....	1AF5
1AG5	T-9X3	Diode Pent.	1AG5	Filament	1.25	.03	0.10	1.7	2.4	45	2.0	45	0.28	0.12	2.5 Meg.	230	.....	.....	1AG4
1AJ5	T-9X3	Diode Pent.	1AJ5-4-0	Filament	1.25	0.04	0.10	1.7	2.4	45	0	45	1.0	0.3	300,000	495	.....	.....	1AG5
1AK4	T-9X3	Pentode	1AK4-3-0	Filament	1.25	0.02	0.01m	3.5	4.5	67.5	0	67.5	0.75	0.2	2,000,000	750	.....	.....	1AJ5
1AK5	T-9X3	Diode Pent.	1AK5-4-0	Filament	1.25	0.02	0.10m	2.0	2.7	45	0	45	0.5	0.2	400,000	980	.....	.....	1AK4
1AX2	T-9	Diode	9Y	Filament	1.4	0.65	.....	.....	.....	Interchangeable with 1X2B by Removing Current Limiting Resistor.									
1B3GT	T-9	Diode	3C0-7	Filament	1.25	0.20	.....	.....	.....	14,000 A.C. Volts Per Plate, RMS, 2 Ma. Output Current.									
1B4P	ST-12	Pentode	4M-0-4	Filament	2.0	0.06	.007m	5.0*	11.0*	135	3.0	67.5	1.6	0.7	1.5 Meg.	560	.....	.....	1AK5
1B5	ST-12	Duodiode Tri.	6M-0-5	Filament	2.0	0.06	3.6	1.6	1.9	180	3.0	67.5	1.7	0.6	1.5 Meg.	650	.....	.....	1AX2
1B7GT	T-9	Heptode	7Z-1-0	Filament	1.4	0.10	0.34	7.0	7.5	135	3.0	.....	0.8	.....	35,000	575	.....	.....	1B3GT
1B8GT	T-9	Diode Triode Pentode	8AJ-0-7	Filament	1.4	0.10	.....	.....	.....	90	0.0	45	1.5	1.3	350,000	380A	.....	.....	1B4P
1C3	T-5 1/2	Triode	5CF-0-0	Filament	1.4	0.05	1.8	0.9	4.2	90	6.0	.....	0.15	1.4	240,000	275	.....	.....	1B5
1C5GT	T-9	Pentode	6X-0-0	Filament	1.4	0.10	.....	.....	.....	90	0	.....	4.5	.....	11,900 \downarrow	1,300	.....	.....	1B7GT
1C6	ST-12	Heptode	6L-0-0	Filament	2.0	0.12	0.3	10.0	10.0	83	7.0	83	7.0	1.6	110,000	1,500	.....	.....	1B8GT

(1) Values are given shielded unless marked with (*).
 (2) Converter tube capacitances given are signal grid to plate; RF Input, Mixer Output.
 X Controlled Heater Warm-up Time, applies only for 600 Ma. condition.

(3) Has special mechanical and/or life characteristics.
 * Applied through 250,000 ohms.
 # Per Tube or Section.
 † Plate and Target Supply Voltage.
 ‡ Pentode Operation.
 †† Plate to Plate.
 ‡‡ Approximate.
 ††† Triode Operation.
 †††† Conversion Transconductance.
 ††††† Applied through 20,000 ohms.
 †††††† Cathode Resistor (ohms).
 ††††††† m maximum
 †††††††† Cathode Resistor (ohms).