TYPE NO.	FILAMENT		Mu	Max. Diss. Watts	TYPICAL OPERATION					MAX. FREQ. mc
					PLATE			GRID		
	Volts	Amps			Volts DC	Amps DC	Output Watts	Volts DC	MA DC	Full Input Watts
6077	17.5	196	27	50,000	12,000	12	108 kw	-1000	2.25 Amps	15
6078	17.5	196	27	45,000	12,000	12	108 kw	-1000	2.25 Amps	15
6333	22.0	60.0	50	10,000	12,000	1.55	14,250	-1600	165	5
6445	22.0	60.0	50	5,000	10,000	1.40	10,500	-1300	160	5
6446	22.0	60.0	50	20,000	15,000	2.0	20,000	-1250	250	5
6447	22.0	60.0	50	10,000	12,000	2.0	17,500	-500	230	5
6617	8.0	98	34	20,000	12,000	3.2	29,000	-150C	500	30
6618	8.0	98	34	15,000	12,000	4.5	39,000	-1000	800	30
6756	7.5	100	13.5	20,000	12,000	3.5	30,640	-1220	210	30
6757	7.5	100	13.5	15,000	12,000	3.5	30,640	-1220	210	30
6758	12.6	33	9	6,000	7,000	1.72	6,000	-820	82	30
6759	12.6	33	9	6,000	7,000	1.72	6,000	-820	82	30
6800	7.5	100	19.5	20,000	12,500	3.5	33,000	-1200	250	22.5
6801	7.5	107	19.5	10,000	12,500	3.0	28,000	-1200	430	22.5
6960	12.6	33	32	6,000	6,500	2.0	10,000	-450	600	55
6961	12.6	33	32	6,000	6,500	2.0	10,000	-450	600	55
7092	6.3	32.5	22	800 1,300[1]	6,000 6,000	0.600 0.950	2,840 4,400	-450 -475	150 190	50
7237	12.6	33	32	6,000	6,500	2.0	10,000	-450	600	55
7459	12.6	30	32	4,000	6,000	1.5	6,900	-400	310	110
7753	6.3	65	5	2,100	6,000	1.33	4,750	Grid Bias Res. 1450Ω	380	50
7800	8	130	33	15,000	13,000	4.8	40,000	-1500	1 Amp	30
7804	6.3	130	17.5	CCS= 10,000	6,000	3.3	14,300	–	800	30
7805	6.3	130	17.5	15,000	6,000	3.3	14,300	–	800	30
7806	8	130	21	15,000	12,000	4.5	39,300	–	900	30
7807	8	130	21	15,000	12,000	4.5	39,300	–	900	30
7899	8	130	33	8,500	15,000	70	200,000	-500	15 Amps	–
7900	12.6	32	32	4,000	4,500	1.75 (sync.)	5,600 (sync.)	-130	350 (sync.)	220
8078	5	32.5	21	500	6,000	0.70	3,200	-1250	170	50
8119	3.4	19	33	400	2,000	0.400	510 + 85	-140	120	900
8120	3.4	19.0	70	500	2,500	0.38	620 + 50	-70	160	400
8268	12.6	33	24	6,000	7,200	1.5	7,500	-1250	360	50
8269	12.6	33	24	6,000	7,200	1.5	7,500	-1250	360	50

[1] 50% duty cycle.

INTERELECTRODE CAPACITANCE – μμf			DESCRIPTION	TYPE NO.
G-P	G-F	P-F		
86	116	3.4	Water-cooled RF power amplifier, oscillator and modulator having a plate dissipation of 45 kw in class C service. The anode can dissipate up to 100 kw in class B RF operation. Useful at reduced ratings to 30 mc.	6077
86	116	3.4	Forced-air cooled power amplifier, oscillator and modulator having a plate dissipation of 45 kw. Operates at reduced ratings up to 30 mc. Ideal for pulse applications.	6078
32.0	17.0	1.8	Improved ruggedized version of standard 892 with spiral filament, Kovar seals, powdered glass stem. Grid side arm deleted and replaced with Kovar ring. Excellent industrial tube for heavy duty, also communication.	6333
32.0	17.0	1.8	Forced-air cooled version of type 6333. See above.	6445
32.0	17.0	1.8	Improved, ruggedized, heavy-wall version of type 892. Has powdered glass stem, Kovar grid ring, Kovar anode seal, stronger spiral filament giving more uniform heat distribution over anode surface. Also has strong conical, low-inductance grid support. An unusual industrial tube without equal.	6446
32.0	17.0	1.8	Forced-air cooled version of type 6446. See above.	6447
30	37	0.4	Water-cooled triode for use in industrial HF generators.	6617
30	37	0.5	Forced-air cooled triode for use as a high power RF amplifier and oscillator.	6618
47.6	25.1	1.5	Water-cooled triode with special characteristics as a low impedance, RF industrial oscillator. Particularly suited to induction and dielectric heating applications.	6756
50.0	25.1	2.0	Forced-air cooled version of type 6756.	6757
14	12	1.0	Water-cooled low impedance RF industrial oscillator.	6758
15	12	2	Forced-air cooled triode designed for use as a low impedance RF industrial oscillator. The anode can dissipate up to 6 KW.	6759
26.0	25.0	1.0	Thoriated tungsten filamentary triode. 20 kw anode dissipation. Water-cooled. High power RF amplifier and industrial oscillator.	6800
27.0	25.0	1.25	Same as 6800 except 10 kw anode dissipation. Forced-air cooled.	6801
11.0	16.0	0.3	Industrial water-cooled triode with large overload capacity on grid and plate currents. Suitable for 7.5 kw induction and dielectric heaters and 10 kw plastic sealers.	6960
11.0	16.0	0.3	Forced-air cooled version of 6960. Suitable for 7.5 kw induction and dielectric heaters and 10 kw plastic sealers.	6961
6.2	10.5	0.25	Radiation-cooled triode for industrial oscillator and amplifier applications. Rugged construction. Graphite anode with unusual overload capability. Thoriated tungsten filament.	7092
11.0	16.0	0.3	Identical with Amperex Type 6961 except with radiator design intended for interchangeability with competitive types 6366 and 6367.	7237
11	16	0.3	Forced-air cooled triode designed for use in broadcast FM & TV communication transmitters. It will replace the 5762/7C24 in most applications.	7459
7.2	13	<0.5	Forced-air cooled, high vacuum power triode of the external plate type. Designed for use as an oscillator in industrial equipment.	7753
27	45	0.6	Forced-air cooled triode. Designed for communication and industrial service. Also useful as pulse amplifier and hard tube modulator to 200 kw peak.	7800
40	40	1.0	Forced-air cooled external anode triode. Designed for use as an oscillator in industrial equipment. Large grid and plate overload capabilities.	7804
40	40	1.0	Water-cooled version of 7804.	7805
23.5	42.5	0.9	Same as for 7804.	7806
23.5	42.5	0.9	Water-cooled version of 7806.	7807
27	45	0.6	Designed for pulse application as a hard tube modulator. Forced-air cooled.	7899
18.0	17.0	0.3	Forced-air cooled triode. Designed for TV transmitter operation to 220 mc. Features brazed and silver plated radiator for high efficiency.	7900
5.1	9.2	0.2	Radiation cooled triode designed especially for industrial oscillator and amplifier applications.	8078
6.5	11.5	<0.12	Forced-air cooled, coaxial transmitting triode with a ceramic envelope designed for use in HF amplifier, oscillator, or frequency multiplier operation at frequencies up to 900 mc.	8119
3.8	11	0.05	Forced-air cooled transmitting triode with ceramic envelope and coaxial terminal arrangement. Can be used as "plug-in" in coaxial circuits. Designed for use as an RF amplifier, oscillator or frequency multiplier at frequencies up to 1000 mc.	8120
7.9	14.2	1	Water cooled triode intended for use in industrial RF heating generators.	8268
7.9	14.2	1	Forced-air cooled triode designed for use in industrial RF heating generators.	8269