



## *Tube Topics*

### **Section 4: Maximum Tube Ratings for Devices Rebuilt by ECONCO**

ECONCO has analyzed and rebuilt over 200,000 tubes of 500 different types during their 30 year history. The following is a table of maximum ratings for the most popular power tubes now being rebuilt by ECONCO.

Type	Filament		Kilovolts	Plate Amps
	Volts	Amps		
1173	5.4	65	10.0	1.75
22789	6.0	60	9.3	2.3
23454	22.5	235	20.0	20.0
23791	9.0	60	9.0	2.0
23795	9.0	60	9.0	3.0
23935	9.0	60	9.0	3.0
3CV30,000A3/H3	6.3	172	7.0	5.0
3CW10,000A3/H3	7.5	75	10.0	3.0
3CW20,000A1	7.5	100	7.0	5.0
3CW20,000A3	7.5	100	7.0	5.0
3CW20,000A7	7.5	104	7.0	5.0
3CW20,000H3	7.5	104	12.0	4.0
3CW20,000H7	7.5	104	7.0	5.0
3CW30,000H3	6.3	172	12.0	6.0
3CW30,000H7	6.3	160	8.0	6.0
3CW40,000H3	10.0	160	12.0	9.0
3CW5,000A1/F1	7.5	53	6.0	2.5
3CW5,000A3/F3	7.5	53	6.0	2.5
3CW5,000A7/F7	7.5	53	5.0	2.5
3CW5,000F3/H3	7.5	53	6.0	2.5
3CW5,000H3	7.5	53	6.0	2.5
3CX1,000A3	7.5	31	6.0	1.5
3CX1,000A7	6.3	25	5.0	0.8
3CX1,200A7	7.5	21	5.0	0.8
3CX1,200Z7/D7	6.3	25	5.0	0.8
3CX1,500H3/D3	6.3	25	7.0	0.8
3CX10,000A1	7.5	104	10.0	5.0
3CX10,000A3/H3	7.5	104	10.0	4.0
3CX10,000A7	7.5	104	8.0	5.0
3CX15,000A3/H3	6.3	160	8.0	6.0
3CX15,000A7	6.3	160	8.0	6.0
3CX2,500A3/F3/H3	7.5	53	6.0	2.5

3CX2,500D3	7.5	31	7.0	1.5
3CX20,000A3/H3	10.0	160	12.0	8.0
3CX20,000A7	6.3	160	8.0	6.0
3CX3,000A1/F1	7.5	53	6.0	2.5
3CX3,000A7/F7/H7	7.5	53	5.0	2.5
3CX4,500F3	7.0	78	9.0	3.0
3CX5,000H3	7.5	78	10.0	3.0
3CX6,000A7	7.0	78	7.0	3.5

Type	Filament		Kilovolts	Plate Amps
	Volts	Amps		
4CPW10,000R	7.5	78	7.5	4.0
4CV100,000C	10.0	300	20.0	15.0
4CV250,000B	12.0	660	20.0	40.0
4CV35,000A	6.3	168	10.0	6.0
4CV8,000A	9.0	43	7.0	2.0
4CW10,000A/B	7.5	78	7.5	4.0
4CW100,000D	10.0	295	20.0	15.0
4CW100,000E	15.5	215	20.0	16.0
4CW150,000E	15.5	215	22.0	20.0
4CW25,000A	6.3	160	10.0	6.0
4CW250,000B	12.0	660	20.0	40.0
4CW30,000A	10.0	140	10.0	6.0
4CW50,000E	12.0	215	17.5	12.0
4CX1,500A	5.0	38.5	5.0	1.0
4CX10,000D	7.5	78	7.5	4.0
4CX10,000J	7.5	108	7.5	4.0
4CX12,000A	6.5	120	10.0	3.5
4CX15,000A	6.3	160	10.0	6.0
4CX15,000J	7.5	158	10.0	6.0
4CX15,000R	6.3	160	10.0	6.0
4CX20,000A	10.0	140	10.0	6.0
4CX20,000B	10.0	140	10.0	6.0
4CX20,000C	10.0	140	12.5	6.0
4CX20,000D	7.5	145	12.5	5.0
4CX3,000A	9.0	43	7.0	2.0
4CX3,500A	5.0	90	5.5	2.0
4CX35,000C	10.0	295	20.0	15.0
4CX5,000A	7.5	78	7.5	4.0
4CX5,000R	7.5	78	7.5	4.0
4CX7,500A	7.0	110	6.5	3.0
5604	11.0	176	12.5	2.75
5606/A	11.0	176	12.5	2.75
5619	11.0	176	12.5	3.0
5658	12.0	28	12.5	5.0
5666	11.0	120	10.0	2.0
5667	11.0	120	10.0	2.0
5668	22.0	60	14.0	2.0
5681	12.0	220	15.0	11.0
5682	16.5	325	16.0	18.0
5736	6.0	60	3.5	1.5
5762	12.6	33	6.0	8.5
5771	7.5	170	12.0	4.0
5918A	11.0	285	17.5	15.0
5924A	12.6	36	6.0	1.9

5AC95	9.0	50	6.5	3.0
<b>Type</b>	<b>Filament Volts</b>	<b>Amps</b>	<b>Kilovolts</b>	<b>Plate Amps</b>
5CX1,500A/B	5.0	40	5.0	1.0
5CX3,000A	9.0	43	7.0	2.0
6076	6.3	33	4.0	1.8
6366	11.0	29	6.2	1.3
6367	13.0	36	6.2	2.0
6379	11.0	285	17.5	15.0
6399	11.0	29	6.2	1.3
6400/A	13.0	36	8.0	2.0
6420	7.0	85	10.0	2.2
6421/F	7.0	85	10.0	2.2
6422	7.0	85	12.5	2.5
6423/F	7.0	85	12.5	2.5
6424	7.0	120	12.5	3.5
6425/F	7.0	120	12.5	3.5
6426	8.0	200	12.5	8.0
6427	8.0	200	12.5	7.0
6623	6.0	63	9.3	2.3
6696/A	13.0	205	16.0	11.0
6697/A	13.0	205	16.0	11.0
6960	12.6	33	7.2	2.2
7007	5.0	180	7.5	4.0
7237A	12.6	33	7.2	2.2
7459	12.6	33	6.0	1.9
7480	13.0	205	16.0	11.0
7482	14.5	450	20.0	30.0
7560	14.5	450	20.0	30.0
7804	6.3	136	8.0	4.0
7806	8.0	130	13.0	5.0
7807	7.0	110	8.0	5.0
7900	12.6	32	6.0	1.5
7C23	11.0	29	17.5	20.0 P
7C24	12.6	33	6.0	8.5
7C25	11.0	28	5.0	1.3
8104	15.0	36	8.0	2.5
8131	9.5	50	6.5	3.0
8132	9.5	50	6.2	3.0
8161R	7.5	51.5	6.0	2.5
8269	12.6	36	6.0	1.9
8386	14.5	330	17.0	16.0
8388	14.5	330	17.0	16.0
8680	12.6	380	16.8	25.0
8752	12.2	255	14.4	18.0
8772	13.0	205	16.0	11.0
8773	13.0	205	16.0	11.0
8795	16.5	325	20.0	20.0
<b>Type</b>	<b>Filament Volts</b>	<b>Amps</b>	<b>Kilovolts</b>	<b>Plate Amps</b>
8801	7.0	175	9.0	6.0
8935	7.0	175	14.4	6.0

8952	5.8	130	12.0	4.0
8990	10.0	140	10.0	6.0
8C25A/N	11.0	28	5.0	1.3
9019	7.5	160	10.0	5.0
9T94	12.2	255	14.4	18.0
BR1606	6.6	100	10.0	4.5
BR1608J2F	12.0	178	13.0	12.0
BTL15-4	7.5	150	12.0	6.5
BTL25-4	10.0	320	15.0	9.0
BTS15-3	7.5	150	12.0	6.5
BTS25-4	10.0	320	15.0	9.0
BTW15-3	6.6	230	12.0	7.0
BTW50-4	20.0	200	15.0	19.0
BW1184	12.2	255	14.4	18.0
BW1185J2	12.6	380	16.8	25.0
BW1606J2F	6.6	100	10.0	4.5
BW1607J2F	7.5	100	10.0	5.0
BW1608J2F	12.0	178	13.0	12.0
CQK50-2	12.6	335	12.5	12.5
CQK650-1	12.0	1,700	15.0	65
CQS200-3	20.0	430	15.0	25.0
CQS50-2	12.6	335	15.0	14.0
FTL3-2	12.0	26	7.0	1.75
FTW3-2	12.0	26	7.0	1.75
ITK12-1	5.8	145	12.0	5.0
ITK200-1	22.0	375	18.0	50.0
ITK30-2	11.0	240	14.0	18.0
ITK60-2	13.0	250	14.0	5.0
ITK90-1	12.6	380	16.8	25.0
ITL12-1	5.8	145	12.0	5.0
ML356	7.5	170	12.5	6.0
ML880	12.6	35	10.5	6.0
MR1014	10.0	160	12.0	8.0
MR240	7.5	53	6.0	2.5
MR710	6.3	160	8.0	6.0
RFC399	6.3	160	8.0	6.0
RS2024CL	9.5	80	9.0	2.3
RS2032CL	9.5	80	9.0	2.3
RS2068CL	9.0	112	12.0	3.5
RS3021CJ	5.7	136	14.0	2.75
RS3026CJ	7.0	115	12.0	4.5
RS3040CJ	8.0	185	14.0	6.5
RS3060CJ	10.0	190	14.0	15.0

Type	Filament		Kilovolts	Plate Amps
	Volts	Amps		
RS3150CJ	15.0	255	15.0	25.0
RS3300CJ	16.0	425	17.0	37.5
RS3500CJ	17.5	510	18.0	60.0
TH150	9.0	60	9.0	3.0
TH298	6.0	50	5.0	2.5
TH327	5.8	34	5.0	2.0
TH347	5.8	34	5.0	1.25
TH361	7.0	140	7.0	6.0
TH382	4.2	125	5.5	3.0

TH393	6.0	65	6.0	1.25
TH5-4	7.5	51.5	6.0	2.5
TH558	23.0	500	15.0	60.0
TH5-6	7.5	51.5	6.0	2.5
TH561	7.0	140	7.0	6.0
TH582	4.2	146	5.5	5.5
TH593	5.8	65	6.0	3.0
TH6-1	7.5	104	10.0	4.0
TH6-3	7.5	104	10.0	4.0
TH6-3A	7.5	104	10.0	4.0
TH7-1	6.3	160	8.0	6.0
Y399	7.5	104	12.0	6.0
Y442	7.5	78	7.5	4.0
YC108	7.5	75	7.5	4.0
YC130	7.5	160	10.0	5.0
YD1160	6.3	66	6.0	2.2
YD1162	6.3	66	6.0	2.2
YD1172	5.8	130	7.2	4.0
YD1173	5.4	65	12.0	2.0
YD1175	5.8	130	10.0	3.4
YD1202	12.2	255	14.4	18.0
YD1212	12.6	380	16.8	25.0
YU108	7.0	78	9.0	3.0
YU148	7.0	78	7.0	3.5
YU199	7.0	78	9.0	3.0