

PRIMARY AND SECONDARY CONNECTIONS				PRIMARY IMPEDANCE—PUSH PULL TUBES (Single Tube Use Total Primary)																	
A-2855—15W		A-3890—15W		1500	2000	2500	3000	4000	5000	6000	7000	8000	9000	10000	14000	15000	16000	20000			
PRI	SEC	PRI	SEC	.09	.128	.16	.18	.25	.32	.36	.43	.50	.57	.64	.86	.96	1.00	1.28			
P - P and CT	1-2	Brown and Blue	1-2	Black-Brown	.20	.270	.34	.40	.54	.67	.80	.94	1.08	1.21	1.35	1.88	2.01	2.16	2.70		
	1-3		1-3	Black-Red	.36	.488	.61	.72	.97	1.22	1.44	1.69	1.94	2.19	2.44	3.40	3.66	3.88	4.88		
	1-4		1-4	Black-Orange	1.04	1.390	1.73	2.08	2.80	3.47	4.16	4.88	5.60	6.27	6.95	9.80	10.41	11.20	13.90		
	1-5		1-5	Black-Yellow	4.50	6.00	7.50	9.00	12.00	15.00	18.00	21.00	24.00	27.00	30.00	42.00	45.00	48.00	60.00		
P - P and CT	1-6	Brown and Blue	1-6	Black-Green	.02	.027	.03	.04	.05	.06	.08	.09	.10	.12	.13	.18	.20	.21	.27		
	2-3		2-3	Brown-Red	.09	.118	.15	.18	.23	.30	.36	.41	.46	.53	.59	.82	.90	.92	1.18		
	2-4		2-4	Brown-Orange	.50	.676	.80	1.00	1.35	1.69	2.00	2.35	2.70	3.04	3.38	4.70	5.07	5.40	6.76		
	2-5		2-5	Brown-Yellow	3.50	4.40	5.50	6.60	8.80	11.00	13.20	15.40	17.60	19.80	22.00	30.80	33.00	35.20	44.00		
P - P and CT	2-6	Brown and Blue	2-6	Brown-Green	.02	.03	.04	.04	.06	.08	.10	.12	.14	.16	.20	.24	.24	.32			
	3-4		3-4	Red-Orange	.32	.43	.54	.64	.86	1.08	1.28	1.50	1.72	1.94	2.17	3.00	3.24	3.44	4.34		
	3-5		3-5	Red-Yellow	2.80	3.70	4.70	5.60	7.40	9.40	11.20	13.00	14.80	16.80	18.70	26.00	28.20	29.60	37.40		
	3-6		3-6	Red-Green	.17	.22	.28	.34	.45	.56	.68	.79	.90	1.01	1.13	1.58	1.68	1.80	2.26		
P - P and CT	4-5	Brown & Blue CT-Red	4-5	Orange-Yellow	2.30	3.10	3.80	4.60	6.20	7.70	9.20	10.80	12.40	13.90	15.50	21.60	23.10	24.80	31.00		
	4-6		4-6	Orange-Green	1.24	1.65	2.06	2.48	3.30	4.12	4.96	5.78	6.60	7.42	8.25	11.60	12.36	13.20	16.50		
P - P and CT	5-6	Brown & Blue CT-Red	5-6	Yellow-Green																	
				SINGLE TUBES ONLY																	
P and CT	1-2	Brown and Red	1-2	Black-Brown	.38	.51	.64	.76	1.02	1.28	1.52	1.78	2.04	2.30	2.56	3.60	3.84	4.08	5.12		
	1-3		1-3	Black-Red	.61	1.08	1.35	1.62	2.16	2.70	3.24	3.78	4.32	4.86	5.40	7.60	8.10	8.64	10.80		
	1-4		1-4	Black-Orange	1.50	1.98	2.47	3.00	3.98	4.95	6.00	6.98	7.96	8.93	9.90	14.00	15.00	16.00	19.80		
	1-5		1-5	Black-Yellow	4.20	5.50	7.00	8.40	11.00	14.00	16.80	19.40	22.00	25.00	27.80	38.00	42.00	44.00	55.00		
P and CT	1-6	Brown and Red	1-6	Black-Green	18.30	24.40	30.50	36.60	48.80	61.00	73.20	85.40	97.60	109.00	122.00						
	2-3		2-3	Brown-Red	.08	.10	.13	.16	.20	.27	.32	.36	.40	.47	.54	.72	.81	.84	1.07		
	2-4		2-4	Brown-Orange	.35	.47	.59	.70	.94	1.18	1.40	1.64	1.88	2.12	2.36	3.28	3.54	3.76	4.72		
	2-5		2-5	Brown-Yellow	2.00	2.60	3.30	4.00	5.20	6.70	8.00	9.20	10.40	11.90	13.40	18.40	20.10	21.50	26.80		
P and CT	2-6	Brown and Red	2-6	Brown-Green	13.50	18.00	22.50	27.00	36.00	45.00	54.00	63.00	72.00	81.00	90.00						
	3-4		3-4	Red-Orange	.09	.12	.16	.18	.24	.32	.36	.42	.48	.56	.64	.84	.96	1.02	1.28		
	3-5		3-5	Red-Yellow	1.30	1.75	2.18	2.60	3.50	4.35	5.20	6.10	7.00	7.85	8.70	12.20	13.05	14.00	17.40		
	3-6		3-6	Red-Green	10.50	14.00	17.30	21.00	28.00	34.70	42.00	49.00	56.00	62.00	69.50						
P and CT	4-5	Brown and Red	4-5	Orange-Yellow	.68	.91	1.14	1.36	1.82	2.27	2.72	3.28	3.64	4.09	4.55	6.56	6.81	7.28	9.1		
	4-6		4-6	Orange-Green	9.00	12.00	15.00	18.00	24.00	30.00	36.00	42.00	48.00	54.00	60.00	84.00	90.00	96.00			
P and CT	5-6	Brown and Red	5-6	Yellow-Green	4.95	6.50	8.20	10.00	13.00	16.50	20.00	23.00	26.00	29.50	32.70	46.00	49.50	52.00	65.4		

Tube Types	Use	Class	Approx. Load Resistance in Ohms	Approx. Power Output in Watts	Tube Types	Use	Class	Approx. Load Resistance in Ohms	Approx. Power Output in Watts
10	Single	A	10,200	1.6	6A4	Single	A	8,000	1.5
19, 1G6, 1J6, 1H4	P.P.	B	10,000	2.1	6AC5	Single P.P.	Pos. Bias B	7,000 10,000	3.7 8.0
20	Single	A	6,500	0.1	6B4	P.P.	A	3,000	15.0
31	Single P.P.	A	5,700 10,000	0.4 0.8	6B5	Single	A	7,000	6.5
33	Single	A	6,000	1.4	6E6	P.P.	A	14,000	1.6
38	Single	A	10,000	2.5	6F6	Single P.P.	A1 AB2	7,000 10,000	5.0 19.0
41, 42, 6K6	Single P.P.	A1 AB2	7,000 10,000	3.0 19.0	6G6, 12A	Single	A1	10,000	1.1
43	Single	A1	5,000	2.8	6K6, 7B5	Single	A1	7,600	3.4
45, 183	Single P.P.	A AB2	4,600 3,200	2.0 18.0	6L6	Single P.P.	A1	2,500 5,000	6.5 14.5
46	P.P.	B	5,800	20.0	6L6	P.P.	AB1 AB2	6,600 3,800	34.0 60.0
47, 2A5	Single P.P.	A	7,000 14,000	3.0 7.0	6L6	P.P.	AB1 AB2	8,500 6,000	24.0 40.0
48	Single P.P.	A1 A1	1,500 3,000	2.5 5.0	6L6	P.P.	AB1	4,400	*
49	P.P.	B	12,000	3.5	6L6	P.P.	AB1	9,000	24.5
50	Single	A	4,350	4.6	6N6	Single	A	7,000	6.5
53, 6A6, 6N7	P.P.	B	10,000	10.0	6V6	Single P.P.	A1 AB1	5,000 8,000	4.3 13.0
59, 89, 7B5	Single	A	6,000	3.0	6Y6	Single	A1	2,000	3.6
71A, 12A	Single	A	4,800	0.8	6Y7	P.P.	B	14,000	8.0
79	P.P.	B	14,000	8.0	6Z7	P.P.	B	12,000	4.2
1A5	Single	A1	25,000	0.1	7C5	Single P.P.	A	5,000 10,000	4.0 8.0
1C5, 3C5	Single	A1	8,000	0.2	12A5	Single	A	3,800	3.0
1D8, 1T5, 6R7	Single	A	12,000	0.2	12A7	Single	A	13,500	0.6
1E7	P.P.	A1	24,000	0.7	25A6	Single	A1	5,000	2.8
1F4, 1F5, 1J5, 950	Single	A	16,000	0.3	25A7	Single	A1	4,500	0.8
1G5	Single	A1	9,000	0.5	25AC5	Single	Pos. Bias	2,000	2.0
1G6	P.P.	B	12,000	0.68	25B5	Single	A	2,000	2.0
1N6, 6V7	Single	A	20,000	0.3	25B6	Single	A1	1,700	4.3
1Q5, 3Q5	Single	A1	8,000	0.27	25L6, 35L6, 50L6, 6W6	Single P.P.	A1 A1	2,000 4,000	2.2 4.4
1S4	Single	A1	8,000	0.07	25N6	Single	A	2,000	2.0
1T5	Single	A1	14,000	0.17	35A5	Single	A	2,500	1.4
2A3, 6A3	Single P.P.	A AB	2,500 3,000	3.5 15.0	50L6	Single	A1	2,000	2.2
2B6	Single	A	5,000	4.0					

*Approximately 30 watts output with 10% inverse feedback.