



IMPORTANT CHARACTERISTICS

RAYTHEON

AMATEUR TUBES



TYPE	CONSTRUCTION	FILAMENT			CAPACITIES			PURPOSE	RATED VOLTAGES				RATED MILLIAMPS.			POWER		DRIVING POWER	MAX. HEIGHT	SOCKET Required	Amateur Net Price	TYPE							
		Volts	Amps.		C _{gp}	C _{gf}	C _{pf}		Plate	Grid	Screen Grid	Supp. Grid	Plate	Grid	Screen Grid	Pl. Diss. Max.	Output												
RK-11	Triode	6.3	3.0	Thor.	7	7	0.9	Osc. R-F Amp.	750	- 120				105	20-25		25w	55w	3.2w	6 ⁹ / ₁₆ "	4 prong	2.50	RK-11						
RK-12	Triode	6.3	3.0	Thor.	7	7	0.9	Osc. R-F Amp.	750	- 100				105	30-40		25w	55w	5.2w	6 ⁹ / ₁₆ "	4 prong	2.50	RK-12						
RK-20A	R-F Pentode	7.5	3.25	Thor.	.01	14.0	12.0	Class B Mod.	750	0				50*			25w	100w*	3.4w*	6 ⁹ / ₁₆ "	4 prong								
								Osc. R-F Amp.	1250	- 100	300	0	10-12	43	40w	64w	1.6w												
								Osc. R-F Amp.	1250	- 100	300	+ 45	92	10-12	36	40w	84w	1.6w	8 ³ / ₄ "	5 prong	15.00	RK-20A							
RK-23	R-F Pentode	2.5	2.0	K	.02	10.0	10.0	Supp. Mod. Phone	1250	- 100	300	- 45	48	10-12	44	40w	21w	1.5w											
								Osc. R-F Amp.	500	- 90	200	0	50	4-8	40	10w	18w	0.5w											
								Osc. R-F Amp.	500	- 90	200	+ 45	55	4-8	38	10w	22w	0.5w	5 ³ / ₄ "	Large 7 pr.	4.50	RK-23							
RK-24	Triode	2.0	0.12	Oxide	5.5	3.5	3.0	Supp. Mod. Phone	500	- 90	200	- 45	31	4-8	39	10w	6.0w	0.5w											
RK-25	R-F Pentode	6.3	0.9	K	.02	10.0	10.0	5 Meter Osc.	180	- 45			16.5	6		1.5w	2.0w	0.5w	4 ³ / ₁₆ "	4 prong	2.25	RK-24							
CHARACTERISTICS SAME AS RK-23 SHOWN ABOVE																													
RK-28A	R-F Pentode	10.0	5.0	Thor.	.02	15.0	15.0	Osc. R-F Amp.	2000	- 100	400	0	170	10-12	60	125w	200w	1.6w											
								Osc. R-F Amp.	2000	- 100	400	+ 45	170	10-12	60	125w	250w	1.6w	9 ³ / ₈ "	Jumbo 5 pr.	28.50	RK-28A							
								Supp. Mod. Phone	2000	- 100	400	- 45	90	10-12	52	125w	60w	1.6w											
RK-31	Triode	7.5	3.0	Thor.	10.0	7.0	2.0	R-F Amp.	1250	- 80			100	25-30		40w	90w	3.9w											
								Class B. Mod.	1250	0			35*	40w	190w*	4.4w*	8 ³ / ₄ "	4 prong	10.00	RK-31									
								Osc. R-F Amp.	300	- 36			80*	20*	10w*	16w*	1.8w*												
RK-34	Dual Triode	6.3	0.8	K	2.7	4.2	0.8	Class B. Mod.	300	- 15			30*		10w*	13w*	0.5w*	5 ³ / ₁₆ "	Large 7 pr.	3.50	RK-34								
								Osc. R-F Amp.	1500	- 130			115	30	50w	122w	7w												
								Class B. Mod.	1250	- 35			25*		50w	200w*	7.2w*	6"	4 prong	6.95	RK-37								
RK-37	Triode	7.5	4.0	Thor.	3.2	3.5	0.2	Osc. R-F Amp.	2000	- 200			160	30	100w	225w	10w	7 ¹⁵ / ₁₆ "	4 prong	13.50	RK-38								
								Class B. Mod.	2000	- 52			36*		100w	330w*	5.8w*												
								Osc. R-F Amp.	600	- 90	300		93	2-5	10	25w	36w	0.38w	5 ³ / ₄ "	5 prong	3.50	RK-39							
CHARACTERISTICS SAME AS RK-39 SHOWN ABOVE																													
RK-41	Beam Type R-F Tetrode	2.5	2.4	K	0.20	13.0	9.0	A-F Amp.	180	- 13.5			3.9						5 ³ / ₄ "	5 prong	3.50	RK-41							
RK-42	Triode	1.5	.06	Oxide	6.0	3.0	2.1	Osc. R-F Amp.	135	- 20			14*	3*		1.25w*	0.2w*		4"	4 prong	1.10	RK-42							
RK-43	Dual Triode	1.5	.12	Oxide	4.2	1.9	2.1	Osc. R-F Amp.	1250	- 70	300	CT	138	6-8	14	50w	120w	1.0w	8 ³ / ₄ "	5 prong	17.50	RK-43							
RK-47	Beam Type R-F Tetrode	10.0	3.25	Thor.	0.12	13.0	10.0	Osc. R-F Amp.	2000	- 100	400	CT	180	6-8	40	100w	250w	1.0w	9 ³ / ₈ "	Jumbo 5 pr.	27.50	RK-47							
RK-48	Beam Type R-F Tetrode	10.0	5.0	Thor.	0.13	17.0	13.0	Class B. R-F Amp.	2000	- 35	400		76		6	100w	60w	0.22w											

*Indicates Value for Two Tubes or Two Sections of Dual Types.

RAYTHEON PRODUCTION CORPORATION, 55 Chapel Street, Newton, Mass.

445 LAKE SHORE DRIVE, CHICAGO, ILL.
555 HOWARD ST., SAN FRANCISCO, CALIF.

420 LEXINGTON AVENUE, NEW YORK, N. Y.
415 PEACHTREE ST., N. E., ATLANTA, GEORGIA

IMPORTANT CHARACTERISTICS (continued)



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TYPE	CONSTRUCTION	FILAMENT			CAPACITIES			PURPOSE	RATED VOLTAGES				RATED MILLIAMPS.			POWER		DRIVING POWER	MAX. HEIGHT	SOCKET Required	Amateur Net Price	TYPE
		Volts	Amps.		C _{gp}	C _{gf}	C _{pf}		Plate	Grid	Screen Grid	Supp. Grid	Plate	Grid	Screen Grid	Pl. Diss. Max.	Output					
RK-49	Beam Type R-F Tetrode	6.3	0.9	K	1.4	11.5	10.6	Osc. R-F Amp.	400	- 50	250	CT	95	3-5	8	21w	25w	0.2w	5 ³ / ₈ "	6 prong	2.10	RK-49
RK-51	Triode	7.5	3.75	Thor.	6.0	6.0	2.5	Osc. R-F Amp.	1500	- 250			150	30-35		60w	170w	10w	7"	4 prong	6.95	RK-51
RK-52	Triode	7.5	3.75	Thor.	12.0	6.6	2.2	{ Osc. R-F Amp. Class B. Mod.	1500 1250	- 120 0			130 40*	35-45		60w 62.5w	135w 250w*	7w 7.5w*	7"	4 prong	6.95	RK-52
RK-56	Beam Type R-F Tetrode	6.3	0.55	K	0.2	10.0	9.0	Osc. R-F Amp.	300	- 40	300		62	1.6	12	8w	12.5w	0.1w	5 ³ / ₁₆ "	5 prong	3.00	RK-56
RK- ⁵⁷ / ₈₀₅	Triode	10.0	3.25	Thor.	8.0	6.5	5.0	{ Osc. R-F Amp. Class B Mod.	1500 1500	- 105 - 16			200 84*	40		125w 125w	215w 370w*	8.5w 7.0w*	8 ¹ / ₁₆ "	Jumbo 4 pr.	13.50	RK- ⁵⁷ / ₈₀₅
RK-59	Dual Triode	6.3	1.0	Oxide	9.0	5.0	1.0	{ Osc. R-F Amp. Class B. Mod.	500 500	- 60 - 17			90* 90*	14		15w* 15w*	32w* 30w*	1.3w* 0.9w*	5 ³ / ₄ "	4 prong	4.50	RK-59
RK-60	Full W. Rect.	5.0	3.0	Oxide	HIGH VACUUM — 61 VOLT DROP — 750 V. R.M.S. PER ANODE. 250 MA. OUTPUT CURRENT														5 ³ / ₄ "	4 prong	2.75	RK-60
RK-62	Gas Triode	1.4	0.05	Oxide	2.5	2.7	2.8	Det.-Thyratron	45				1.5						4"	4 prong	3.50	RK-62
RK-63	Triode	5.0	10.0	Thor.	3.3	2.7	1.1	{ Osc. R-F Amp. Class B. Mod.	3000 3000	- 200 - 60			233 65*	45		200w 200w	525w 800w	17w 15w	9 ¹ / ₁₆ "	Jumbo 4 pr.	22.00	RK-63
RK-64	R-F Pentode	6.3	0.5	Oxide	0.5	10.0	10.0	Osc. R-F Amp.	300	- 30	100	+ 30	35	3	10	6w	10w	0.18w	5 ¹ / ₃₂ "	5 prong	3.50	RK-64
RK-1851	Pentode	6.3	0.45	K	0.02	11.5	5.2	Television Amp.	300	- 2	150		10		2.5				3 ³ / ₈ "	Octal	2.10	RK-1851
RK-1852	Pentode	6.3	0.45	K	0.015	11.0	5.0	Television Amp.	300	- 2	150		10		2.5				2 ⁵ / ₈ "	Octal	1.85	RK-1852
RK-1853	Pentode	6.3	0.45	K	0.015	8.0	5.0	Television Amp.	300	- 3	200		12.5		3.2				2 ⁵ / ₈ "	Octal	1.85	RK-1853
866	Half W. Rect.	2.5	5.0	Oxide	MERCURY VAPOR MAX. INVERSE PEAK 7500 V. PEAK CURRENT 1.0 AMP.														6 ¹ / ₁₆ "	4 prong	1.50	866
866A	Half W. Rect.	2.5	5.0	Oxide	MERCURY VAPOR MAX. INVERSE PEAK 10,000 V. PEAK CURRENT 1.0 AMP.														6 ¹ / ₁₆ "	4 prong	2.50	866A
872A	Half W. Rect.	5.0	10.0	Oxide	MERCURY VAPOR MAX. INVERSE PEAK 10,000 V. PEAK CURRENT 5.0 AMP.														8 ¹ / ₂ "	4 prong	11.00	872A

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