

# HIGH VACUUM TUBES

TYPE NUMBER	Description	Base	Filament		Typical Operating Condition			Typical Characteristics			Max. Overall Dimensions	
			Volts	amps	Plate Volts	Grid Bias Volt	Plate Milli-amps	Plate Res. ohms	Mutual Cond. $\mu$ -mhos	Amp. Factor	Dia.	Length
DRH-500	Ionization Gage	Industrial Base	5.5	1.15	180	12.0	3.5	19000	350	6.6	1 1/2	6
DRH-501	Ionization Gage		5.0	3.00	180	12.0	4.5	16500	400	6.6	1 1/2	6
DRH-505	Electrometer Tube		2.5	.25	6	4.5	.2	20000	50	1.0	2 1/16	6 1/4
DRJ-521	Interstage Amplifier		2.5	1.00	250	9.0	10.0	8000	1500	12.0	2 3/16	6
DRJ-524	Non-Microphonic dry cell type		1.1	.25	90	4.5	2.5	15000	530	8.0	1 9/16	4 3/8
RJ-526	Interstage Amplifier		1.25	.92	135	9.0	5.2	8000	1650	8.2	1 13/16	4 3/4
DRJ-528	Low filament current amplifier		5.0	.06	90	4.5	2.0	14000	600	8.5	1 13/16	4 3/4
RJ-544	Non-Microphonic voltage amp.		1.1	.25	180	1.5	1.0	75000	465	35.0	1 9/16	4 3/8
DRJ-545	Voltage amplifier (heater)		2.5	1.75	180	1.5	1.5	42000	900	38.0	1 13/16	4 3/4
DRJ-546	Voltage amplifier		7.5	1.25	450	4.5	13.5	13500	2200	30.0	2 7/16	6 1/4
DRJ-548	Voltage amplifier		5.0	.25	180	1.5	1.4	40000	925	37.0	1 13/16	4 3/4
DRJ-549	Voltage amplifier		2.5	.92	180	1.5	4.0	25000	1200	30.0	2 3/16	6
RJ-550	Low grid current amplifier		2.5	.92	95	5.0	6.0	5150	1650	8.5	2 3/16	6
DRJ-551	Current amplifier		7.5	1.25	450	32.0	38.0	2900	2750	8.0	2 7/16	6 1/4
DRJ-552	Current amplifier		7.5	.50	425	30.0	20.0	4000	2100	8.4	2 7/16	6 1/4
RJ-553	Low grid current amplifier		6.0	1.05	95	12.0	8.5	3200	1200	3.85	2 11/16	6 3/8
DRJ-554	Current amplifier		1.1	.25	135	15.0	8.0	7000	5000	3.5	1 9/16	4 3/8
DRJ-555	Oscillator & current amplifier		7.5	1.25	450	80.0	55.0	1800	2100	3.8	2 11/16	6 3/8
DRJ-556	Low grid current amplifier		2.5	.25	95	5.0	4.5	7500	900	6.8	2 3/16	6
DRJ-557	Current amplifier (heater)		2.5	1.75	180	22.5	20.0	3500	1000	3.5	2 3/16	6
DRJ-558	Power pentode		2.5	2.25	250	15.0	35.0	45000	2200	100.0	2 3/16	6
DRJ-559	Low grid current amplifier		2.5	.25	95	5.0	3.5	8800	950	8.4	1 9/16	5 1/8
DRJ-560	Power pentode		2.0	.25	135	13.5	12.0	125000	1000	125.0	1 13/16	4 3/4
DRJ-562	Current amplifier		5.0	.25	180	22.5	17.5	2500	1925	4.8	1 13/16	4 3/4
RJ-563	Current amplifier		2.5	3.00	250	5.0	200.0	800	5000	4.0	2 15/16	7 1/4
DRJ-564	Current amplifier		2.5	4.00	250	5.0	320.0	500	7000	3.5	3 3/16	8 1/2
DRJ-570	Four electrode tube		2.5	1.50	180			125000	1600	200.0	2 3/16	6 1/2
DRJ-571	Four electrode tube (heater)		2.5	1.75	180	4.5	4.0	200000	1000	200.0	2 3/16	6 1/2

# HIGH VACUUM TUBES

TYPE NUMBER	Description	Base	Filament			Maximum Plate		Maximum Plate Volts		Maximum Overall Dimensions	
			Type	Volts	Amps	Milliamperes R.M.S	Crest	R.M.S	Inv.	Dia.	Length
DRO-580	Half wave rectifier.	Industrial Base	Oxide	5.0	.25		40	600	2 3/16	5 3/4	
DRO-581	Half wave rectifier.		Tung.	5.0	2.2		10	3000	2 3/16	6 1/8	
DRO-582	Half wave rectifier.		Tung.	5.0	2.5		15	7500	2 1/8	6 5/8	
DRO-583	Half wave rectifier.		Tung.	5.0	4.5		25	15000	2 9/16	7 1/2	
DRO-584	Half wave rectifier.		Tung.	5.0	5.0		35	30000	3 7/8	15 3/4	
DRO-587	Full wave rectifier.		Oxide	2.5	3.0	250		750	2 7/16	6 3/4	
DRO-588	Half wave rectifier.		Oxide	2.5	3.0	250		1500	2 15/16	7 1/4	
WL-608	Half wave rectifier.		Industrial Base	Tung.	10.0	10.0		200	50KV*	5 1/8	14 3/8
WL-612	Half wave rectifier.			Tung.	10.0	50.0		750	150KV	6 1/8	24 3/8
WL-613	Half wave rectifier.			Tung.	10.0	10.0		200	140KV	5 1/8	19 1/8
WL-660	Half wave rectifier.	Tung.		10.0	10.0		100	230KV	6 1/8	33 5/8	

\* 65KV in oil

# CATHODE RAY TUBES

TYPE NUMBER	Description	Base	Heater		Typical Operating Condition			Screen Diameter	Sensitivity	Max. Overall Dimensions		
			Volts	Amps	1st. Anode Volts	2nd. Anode Volts	Negative Grid volts			Dia.	Length	
RC-590	Magnetic type	Industrial	2.5	2.35	425	3000	3.5	0 to 200	6 1/4	60Amp. Toms. ac./inch	7 1/8	21 1/4
DRC-593	Electro static type		2.5	2.35	425	.5	3000	3.5	0 to 200	6 1/4	150 Volts. DC./inch	7 1/8

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# GAS FILLED TUBES

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TYPE NUMBER	Description	Base	Cathode				Max. Plate Amps.			Plate Voltage		Control	Maximum Overall Dimensions		
			Type	Volt	Amp	Heat- ing Time	I Ave	T*	Crest	Typ rms	Max. Crest Ford. Inv.		Dia.	Length	
DSK-62	Photo-Glow Tube	Industrial Base	Photo-Elec.						.01	150	600		2 3/16	7 1/2	
DKL-602	Glow Lamp		Cold-Spiral						.10	220				2 3/16	5 1/2
DKL-603	Glow Lamp		Cold-crator						.10	220				1 7/8	4 3/4
KI-605	Rectifier, half wave		Oxide Fil.	2.5	2.0	5 sec	.20	10 sec	.30			5000		1 7/16	5
DKI-606	Rectifier, three phase		Mercury Pool				20.00		50.00			15000		18	25
KU-610	Grid-Glow Tube		Oxide Fil.	2.5	6.5	10 sec	.40	10 sec	.80			1500	Positive	7 7/16	6 1/2
KU-618	Grid-Glow Tube		Cold				.015		.10	440	750	800		2 1/8	5
DKI-620	Rectifier, half wave		Oxide Fil.	5.0	11.0	40 sec	4.00	30 sec	10.00			5000		3 1/4	5
DKU-622	Grid-Glow Tube		Oxide Fil.	5.0	40.0	2 min	25.00	30 sec	65.00		5000	5000	Negative	7 1/8	19 3/4
DKU-623	Grid-Glow Tube		Oxide Fil.	5.0	20.0	45 sec	10.00	40 sec	22.50		5000	5000	Negative	5 1/8	14 3/8
DKI-624	Rectifier, half wave		Oxide Fil.	5.0	40.0	2 min	25.00	30 sec	65.00		5000	5000		5 1/8	14 3/8
DKI-625	Rectifier, half wave		Oxide Fil.	5.0	20.0	45 sec	10.00	40 sec	22.50		5000	5000		5 1/8	14 3/8
DKI-626	Rectifier, half wave		Oxide Fil.	2.5	6.0	10 sec	.64	30 sec	1.20			5000	Negative	2 7/16	6 3/4
DKU-627	Grid-Glow Tube		Oxide Fil.	2.5	6.0	10 sec	.64	30 sec	1.20		1500	1500	Negative	2 7/16	6 1/2
DKU-628	Grid-Glow Tube	Oxide Fil.	5.0	11.0	40 sec	4.00	30 sec	10.00		5000	5000	Negative	3 1/4	9	
DKU-632	Grid-Glow Tube	Oxide Fil.	2.5	2.0	5 sec	.10	10 sec	.30		750	1500	Positive	2 1/8	5 3/4	
KX-641	Voltage Regulator	Cold			Glow Discharge	.50							Regulates at 110 Volts Breakdown volts, 150	2	8 3/4

\* See definition page R-1065

# RECTIGON TUBES

Supercedes R-1019-B

	Filament Voltage No load	Filament Voltage Full load	Filament Amperes	Maximum Output		Typ. Arc Voltage	Typ. Pick Up Voltage	Max. Dimensions		Description
				D. C. Amp	D. C. Volts			Dia.	Length	
# 289415-C	2.5	2.0	14	2.0	75	7	11.5	2 1/8	5 1/4	Rectifier, half wave
# 289414-D	2.5	2.0	18	6.0	60	7	12.0	3 1/4	6 5/8	Rectifier, half wave
# 289416-D	2.5	2.0	18	6.0	100	7	13.0	3 1/4	6 5/8	Rectifier, half wave

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# PHOTO TUBES

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TYPE NUMBER	Description	Base	Cathode		Spectral Region of Maximum Response	Typical Sensitivity mma/lumen	Maximum Voltage	Maximum Overall Dimensions	
			Aperture (inches)	Maximum Current mma/□ "				Dia.	Length
DSR-10	High vacuum	Industrial Base	1 x 1 1/4	----	Erythema region only	----	500	1 13/16	7 7/8
SR-17	High vacuum		1 3/4 dia.	2.5	Near ultra-violet	.75	500	2 3/16	5 1/2
SK-27	Gas filled		1 3/4 dia.	2.5	Near ultra-violet	7.5	200	2 3/16	5 1/2
SR-50	High vacuum		13/16 x 1 3/8	20	Deep red & near ultra-violet	10	500	1 7/16	4
DSR-51	High vacuum		13/16 x 1 3/8	20	Violet	10	500	1 7/16	4
DSR-58	High vacuum		1 5/8 x 3 1/2	20	Violet	10	500	2 1/16	7 3/4
DSR-59	High vacuum		4 x 3 1/2*	20	Violet	10	500	2 1/16	7 3/4
SK-60	Gas filled		13/16 x 1 3/8	20	Deep red & near ultra-violet	50	90	1 7/16	4
DSK-61	Gas filled		13/16 x 1 3/8	20	Violet	50	90	1 7/16	4
DSK-68	Gas filled		1 5/8 x 3 1/2	20	Violet	50	90	2 1/16	7 3/4
DSK-69	Gas filled		4 x 3 1/2*	20	Violet	50	90	2 1/16	7 3/4

\* Cathode a complete cylinder

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