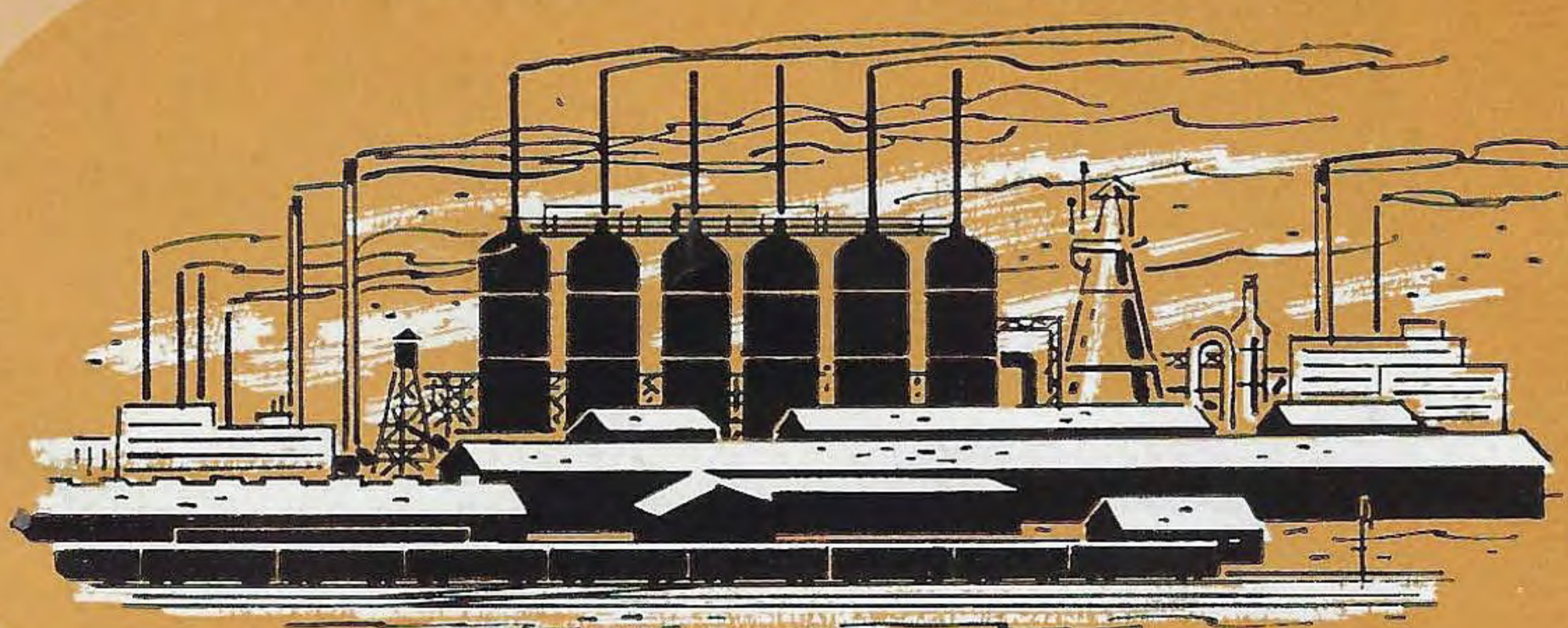




**INDUSTRIAL
and
TRANSMITTING TUBES
for
COMMUNICATIONS
and
INDUSTRY**



PRICES

RATINGS

WARRANTIES

GENERAL  **ELECTRIC**

I N D E X

Tube Type	See Group No.	Tube Type	See Group No.	Tube Type	See Group No.	Tube Type	See Group No.	Tube Type	See Group No.
GL-0A2	2	FA-6 (GL-5627)	14	GL-473	6	GL-921	11	GL-5629/FA-14	15
GL-0A3	2	PJ-7 (GL-5742)	6	GL-502-A	3	GL-922	11	GL-5630	4
GL-0B2	2	GL-7BP7-A	5	GL-506	4	GL-923	11	GL-5632	3
GL-0B3	2	GL-7C29	6	GL-575-A	9	GL-927	11	GL-5624	6
GL-0C3	2	GL-7D21	6	GL-592	6	GL-929	11	GL-5662	3
GL-0D3	2	PJ-8 (GL-5556)	6	GL-627	3	GL-930	11	GL-5663	3
GL-C1J	3	GL-8D21	6	GL-672-A	3	GL-931-A	11	GL-5670	6
KC-1	7	GL-9C24	6	GL-673	9	GL-935-A	11	GL-5674	6
GL-1B35	10	12AY7	6	GL-678	3	GL-954	6	GL-5680	6
GL-1B37	10	FA-13 (GL-5628)	15	GL-800	6	GL-955	6	GL-5686	6
GL-1B38	10	FA-14 (GL-5629)	15	GL-801-A	6	GL-956	6	GL-5691	6
GL-1B44	10	FA-15 (GL-5626)	14	GL-802	6	GL-957	6	GL-5692	6
GL-1B56	10	FG-17 (GL-5557)	3	GL-803	6	GL-959	6	GL-5693	6
GL-1B63-A	10	PJ-21 (GL-5743)	6	GL-805	6	GL-1000T	6	GL-5720/FG-33	3
GL-1L21	13	PJ-22	11	GL-806	6	GL-1612	6	GL-5725	6
GL-1L22	13	B-25 (GL-5622)	1	GL-807	6	GL-1613	6	GL-5726	6
GL-1L23	13	FG-27-A	3	GL-809	6	GL-1614	6	GL-5727	3
GL-1L24	13	FG-32 (GL-5558)	9	GL-810	6	GL-1616	7	GL-5728/FG-67	3
GL-1L25	13	FG-33 (GL-5720)	3	GL-811-A	6	GL-1619	6	GL-5739/FP-62	6
GL-1L31	13	GL-35T	6	GL-812-A	6	GL-1620	6	GL-5740/FP-54	6
GL-1L32	13	FG-41 (GL-5830)	3	GL-813	6	GL-1621	6	GL-5741/FP-85-A	7
GL-1L33	13	B-46 (GL-5624)	1	GL-814	6	GL-1622	6	GL-5742/PJ-7	6
GL-1L36	13	B-47 (GL-5623)	1	GL-815	6	GL-1623	6	GL-5743/PJ-21	6
GL-1L38	13	FB-50 (GL-5620)	1	GL-816	9	GL-1624	6	GL-5749	6
GL-1P21	11	FP-54 (GL-5740)	6	GL-826	6	GL-1625	6	GL-5750	6
GL-1P29/FJ-401	11	FG-57 (GL-5559)	3	GL-828	6	GL-1629	6	GL-5751	6
GL-1P37	11	FP-62 (GL-5739)	6	GL-829-B	6	GL-1633	6	GL-5763	6
GL-1P39	11	FG-67 (GL-5728)	3	GL-830-B	6	GL-1850-A	8	GL-5779	4
GL-1P40	11	FG-81-A	3	GL-832-A	6	GL-2050	3	GL-5797	6
GL-1Q26	10	FP-85-A (GL-5741)	7	GL-833-A	6	GL-5513	6	GL-5798	6
GL-2AP1-A	5	FG-95 (GL-5560)	3	GL-835	6	GL-5516	6	GL-5814	6
GL-2B22	7	FG-97	3	GL-836	7	GL-5518	6	GL-5820	8
GL-2B23	7	FG-98-A	3	GL-837	6	GL-5544	3	GL-5822	4
GL-2BP1	5	GL-100TH	6	GL-838	6	GL-5545	3	GL-5824	6
GL-2C39-A	6	FG-104 (GL-5561)	9	GL-842	6	GL-5549	6	GL-5826	8
GL-2C40	6	FG-105	3	GL-843	6	GL-5550/GL-415	4	GL-5830/FG-41	3
GL-2C42	6	GL-146	6	GL-845	6	GL-5551/FG-271	4	GL-5844	6
GL-2C43	6	GL-152	6	GL-849	6	GL-5552/FG-235-A	4	GL-5855	3
GL-2C46	6	FG-154	3	GL-851	6	GL-5553/FG-258-A	4	GL-5963	6
GL-2D21	3	GL-159	6	GL-857-B	9	GL-5554/FG-259-B	4	GL-5973	7
GL-2E24	6	FG-166	9	GL-862-A	6	GL-5555/FG-238-B	4	GL-5978	17
GL-2E26	6	GL-169	6	GL-866-A	9	GL-5556/PJ-8	6	GL-6005	6
GL-2E30	6	FG-172	3	GL-868/PJ-23	11	GL-5557/FG-17	3	GL-6011	3
GL-2H21	12	GL-203-A	6	GL-869-B	9	GL-5558/FG-32	9	GL-6019	6
2X2-A	7	GL-204-A	6	GL-870-A	9	GL-5559/FG-57	3	GL-6038	10
KC-3	7	GL-207	6	GL-872-A	9	GL-5560/FG-95	3	GL-6039	6
GL-3AP1-A	5	GL-211	6	GL-874	2	GL-5561/FG-104	9	GL-6044	3
GL-3B24-W	7	GL-217-C	7	GL-880	6	GL-5581	11	GL-8000	6
GL-3BP1-A	5	GL-218	7	GL-884	3	GL-5588	6	GL-8002	6
GL-3C23	3	FG-235-A (GL-5552)	4	GL-885	3	GL-5593	12	GL-8002-R	6
GL-3KP1	5	FG-238-B (GL-5555)	4	GL-889-A	6	GL-5610	6	GL-8005	6
GL-3MP1	5	GL-242-C	6	GL-889R-A	6	GL-5620/FB-50	1	GL-8008	9
GL-3UP1	5	FG-258-A (GL-5553)	4	GL-891	6	GL-5621/B-6	1	GL-8013-A	7
KC-4 (GL-5625)	7	FG-259-B (GL-5554)	4	GL-891-R	6	GL-5622/B-25	1	GL-8020	7
GL-4-250A/5D22	6	FP-265	6	GL-892	6	GL-5623/B-47	1	GL-8025-A	6
GL-4C21	6	GL-266-B	9	GL-892-R	6	GL-5624/B-46	1	GL-9001	6
GL-4D21/4-125A	6	FG-271 (GL-5551)	4	GL-893-A	6	GL-5625/KC-4	7	GL-9002	6
GL-4X150A	6	FG-280	9	GL-893A-R	6	GL-5626/FA-15	14	GL-9003	6
GL-5BP1-A	5	FP-285	6	GL-895	6	GL-5627/FA-6	14		
GL-5CP1-A	5	GL-393-A	3	GL-895-R	6	GL-5628/FA-13	15		
GL-5CP7-A	5	FP-400	7	GL-898-A	6				
GL-5C24	6	FJ-405 (see GL-935-A)	11	GL-914-A	5				
GL-5FP14	5	GL-411	7	GL-917	11				
5R4-GY	7	GL-414	3	GL-918	11				
GL-5UP1	5	GL-415 (GL-5550)	4	GL-919	11				
B-6 (GL-5621)	1	GL-441	11	GL-920	11				

KON-NEC-TOR Mercury Switches—See Group 16

There's a G-E electronic tube for every purpose



INDUSTRIAL AND TRANSMITTING TYPES

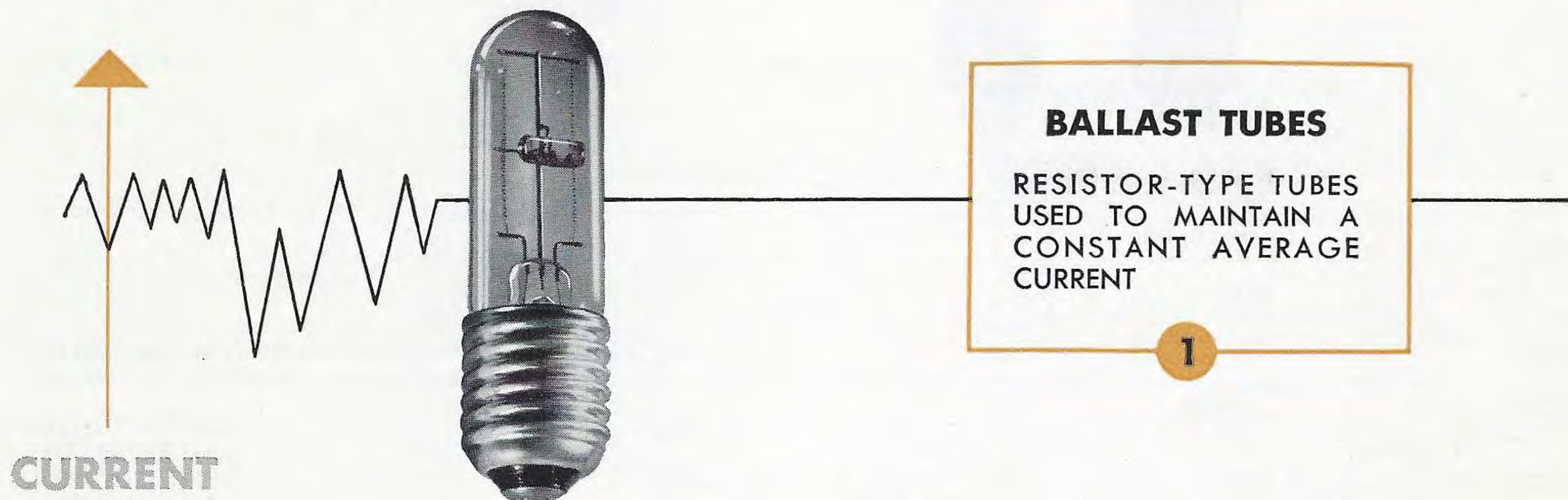


On the following pages is a complete listing of G-E Transmitting and Industrial Tubes—warranties, key ratings and characteristics, and tube socket catalog numbers.

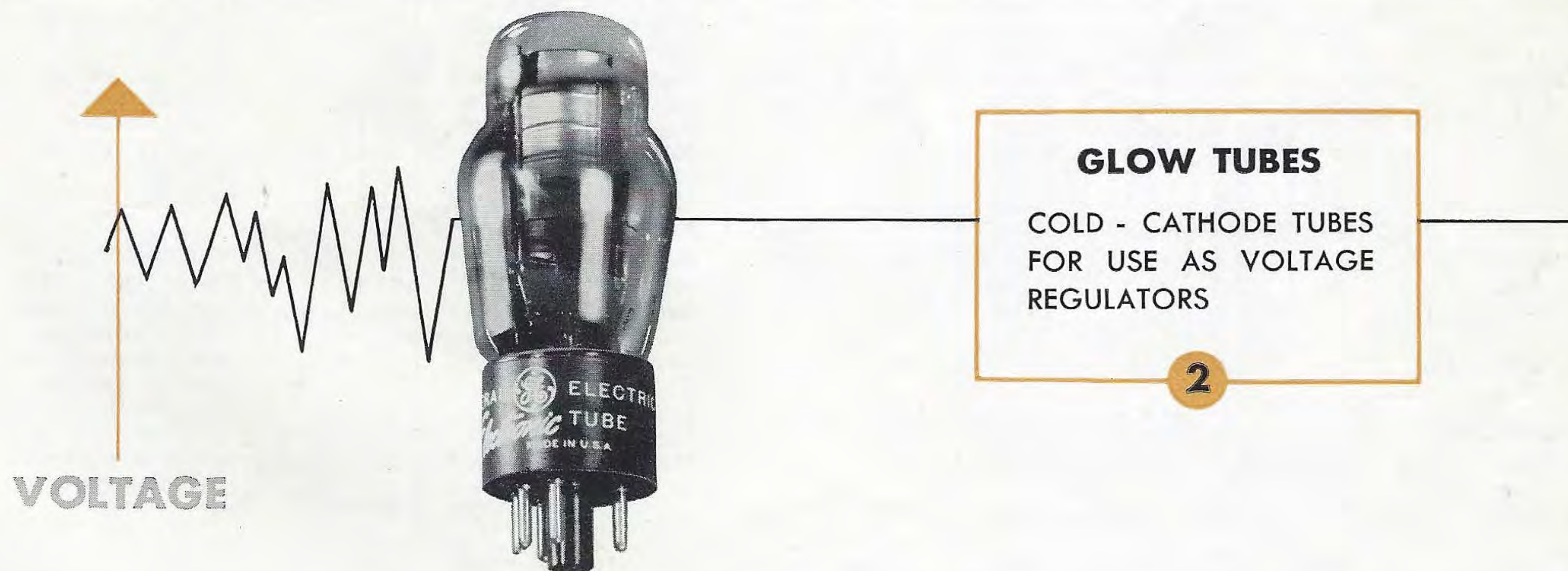
Tubes are conveniently arranged by class of tube and listed numerically by type number to help you select the desired tube for your application.

Additional data on specific types will be supplied on request.

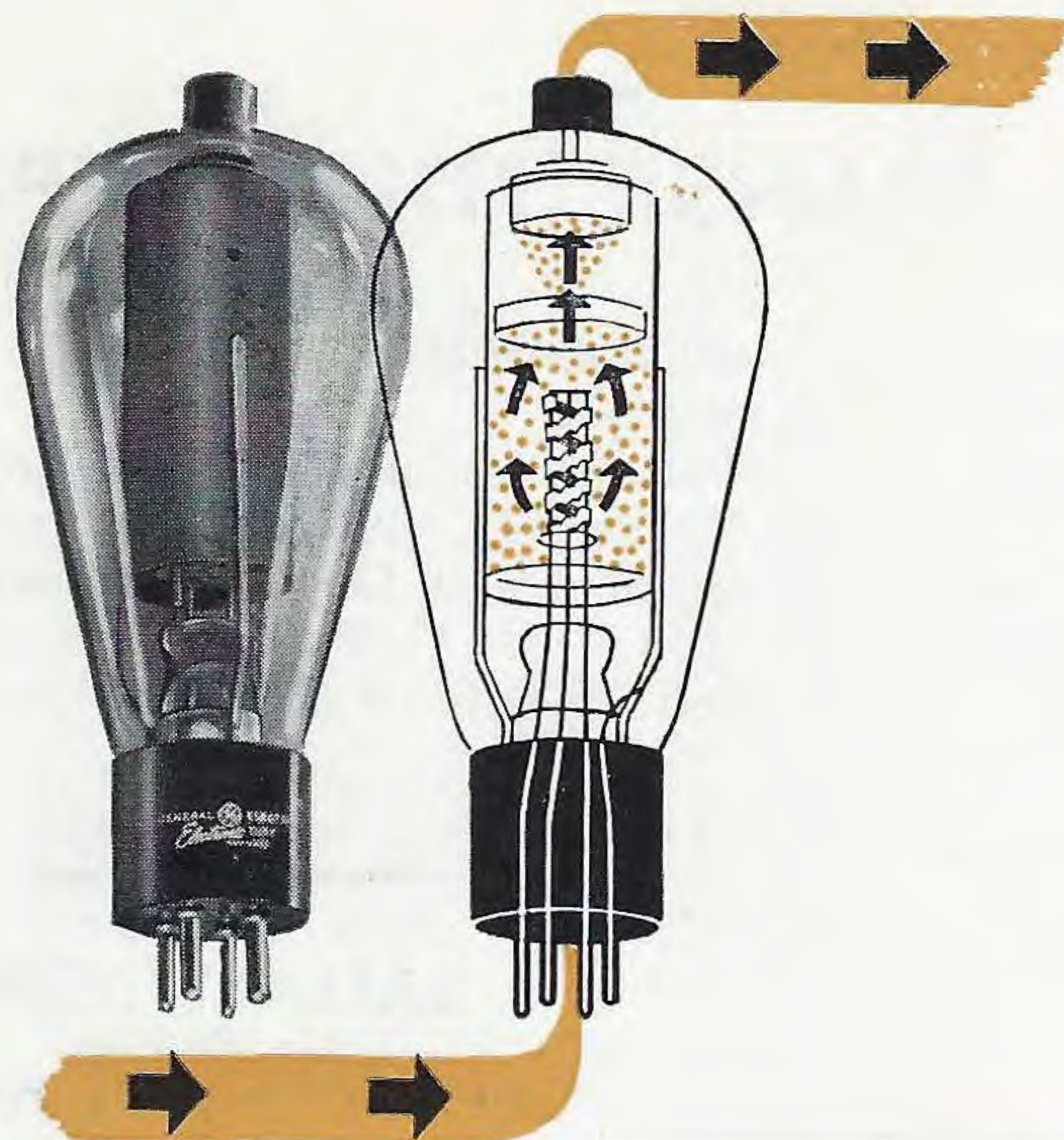
Consult your nearest G-E Electronic tube distributor for quick delivery service or write to Electronics Division, Tube Dept., General Electric Co., Schenectady 5, N. Y. Tube stocks are carried in centrally located cities from coast to coast.



Type No.	VOLTS		AMPERES		Warranty
	Min	Max	Min	Max	
GL-5620/FB-50	5	8	0.225	0.275	G-1
GL-5621/B-6	15	21	0.95	1.01	G-1
GL-5622/B-25	7	16	1.07	1.16	G-1
GL-5623/B-47	8	18	2.05	2.35	G-1
GL-5624/B-46	8	18	2.70	3.25	G-1



Type No.	Starting Supply Voltage, D-c Min	Operating Voltage Maintained, D-c Approx	OPERATING CURRENT, MILLIAMPERES		Warranty	Tube Socket Cat. No.
			Min	Max		
GL-0A2	185	151	5	30	G-1	103J164-103J58
GL-0A3	105	75	5	40	G-1	
GL-0B2	133	108	5	30	G-1	
GL-0B3	130	90	10	30	G-1	103J164-103J58
GL-0C3	133	108	5	40	G-1	103J164-103J58
GL-0D3	185	153	5	40	G-1	103J164-103J58
GL-874	130	90	10	50	G-1	103J164-103J58



THYRATRONS

GRID-CONTROLLED GAS-
EIOUS-DISCHARGE RECTI-
FIER TUBES

3

Type No.	No. of Elec- trodes	CATHODE		ANODE			Control Charac- teristic #	Temp Range Condensed Mercury C	Warranty	Tube Socket Cat. No.
		Volts	Amp	Peak Volts Inverse	Peak Amp	Avg Amp				
GL-C1J	3	2.5	6.3	700	8.0	1.0	Neg	-55-+70*	H-12 (3000)	103J516-103J165- 104J50-102J305
GL-2D21	4	6.3	0.6	1300	0.5	0.1	....	-55-+90*	G-1	
GL-3C23	3	2.5	7.0	1250	6.0	1.5	Neg	-40-+80	H-12	103J516-103J165- 104J50-102J305
FG-27-A	3	5.0	4.5	1000	10.0	2.5	Neg	40-80	H-12	103J516-103J165- 104J50-102J305
FG-81-A	3	2.5	5.0	500	2.0	0.5	Neg	-20-+50*	H-12 (3000)	103J516-103J165- 104J50-102J305
FG-97	4	2.5	5.0	1000	2.0	0.5	Var	40-80	H-12	103J516-103J165- 104J50-102J305
FG-98-A	4	2.5	5.0	500	2.0	0.5	Neg	-20-+50*	H-12 (3000)	103J516-103J165- 104J50-102J305
FG-105	4	{ 5.0 ‡5.5 ‡5.5	{ 10.0 11.0 10.0	{ 2500 750 10000	{ 40.0 77.0 16.0	{ 6.4 2.5 4.0	{ Var Var Var	{ 40-80 30-95 25-50	H-12	104J52 103J173
FG-154	4	5.0	7.0	500	10.0	2.5	Neg	-20-+50*	H-12 (3000)	103J516-103J165- 104J50-102J305
FG-172	4	{ 5.0 ‡5.5	{ 10.0 11.0	{ 2000 750	{ 40.0 77.0	{ 6.4 2.5	{ Var Var	{ 40-80 30-95	H-12	102J304
GL-393-A	3	2.5	7.0	1250	6.0	1.5	Neg	-40-+80	H-12	103J164-103J58
GL-414	4	5.0	20.0	2000	100.0	12.5	Neg	40-80	H-12	102J304
GL-502-A	4	6.3	0.6	1300	1.0	0.100	Neg	-55-+90§	G-1	103J164-103J58
GL-627	3	2.5	6.0	2500	2.5	0.64	Neg	+25-+70	H-12	104J52-103J173
GL-672-A	4	5.0	5.0	2500	40	3.2	Neg	+40-+80	H-12	104J52-103J173
GL-678	3	5.0	7.5	15000	6.0	1.6	Neg	+25-+50	H-12	104J51-103J162
GL-884	3	6.3	0.6	350	0.300	0.075	Neg	-75-+90*	G-1	103J164
GL-885	3	2.5	1.4	350	0.300	0.075	Neg	-75-+90*	G-1	103J166
GL-2050	4	6.3	0.6	1300	1.0	0.100	Neg	-75-+90*	G-1	
GL-5544	3	2.5	12	1500	40.0	3.2	Neg	-55-+70*	H-12 (3000)	104J52-103J174*
GL-5545	3	2.5	21	1500	80.0	6.4	Neg	-55-+70*	H-12 (3000)	104J52-103J174*
GL-5557/FG-17	3	2.5	5.0	5000	2.0	0.5	Neg	40-80	H-12	103J516-103J165- 104J50-102J305
GL-5559/FG-57	3	5.0	4.5	1000	15.0	2.5	Neg	40-80	H-12	103J516-103J165- 104J50-102J305
GL-5560/FG-95	4	{ 5.0 ‡5.5	{ 4.5 4.5	{ 1000 1000	{ 15.0 30.0	{ 2.5 0.5	{ Var Var	{ 40-80 40-80	H-12	103J516-103J165- 104J50-102J305
GL-5632	3	2.5	9	1250	30.0	2.5	Neg	-55-+70*	H-12 (3000)	103J516-103J165- 104J50-102J305
GL-5662	3	6.3	0.15	200	Fuse Tube		....	-55-+90*	G-1	
GL-5663	4	6.3	0.150	500	0.06	0.020	Neg	-55-+90	G-1	
GL-5720/FG-33	3	5.0	4.5	1000	15.0	2.5	Pos	35-80	H-12	103J516-103J165- 104J50-102J305
GL-5727	4	6.3	0.60	1300	0.5	0.1	Neg	-75-+90*	.....	
GL-5728/FG-67	3	5.0	4.5	1000	15.0	2.5	Var	40-80	H-12	103J516-103J165- 104J50-102J305
GL-5830/FG-41	3	5.0	20.0	10000	75.0	12.5	Neg	40-65	C-1000	103J522
GL-5855	3	2.5	34.0	1500	150	12.5	Neg	-55-+70*	H-12 (3000)	
GL-6011	3	2.5	9.0	1250	30	2.5	Neg	-40-+80	H-12 (3000)	103J516-103J165- 104J50-102J305
GL-6044	3	2.5	17.0	500	77	6.4	Neg	-55-+85*	.....	

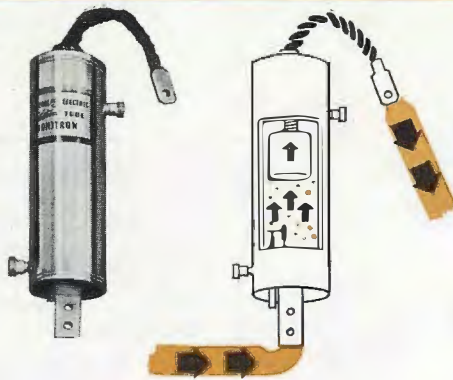
*These tubes are inert-gas-filled, and the temperature ratings are expressed in terms of the ambient temperature range over which the tubes will operate.

†These ratings apply only when the tube is used for ignitor firing.

‡These ratings apply only when the tube is used in thyatron welding-control service.

§Ambient temperature.

{ Pos—Positive
Neg—Negative
Var—Variable



IGNITRONS

HIGH-PEAK CURRENT,
POOL-CATHODE TUBES

4

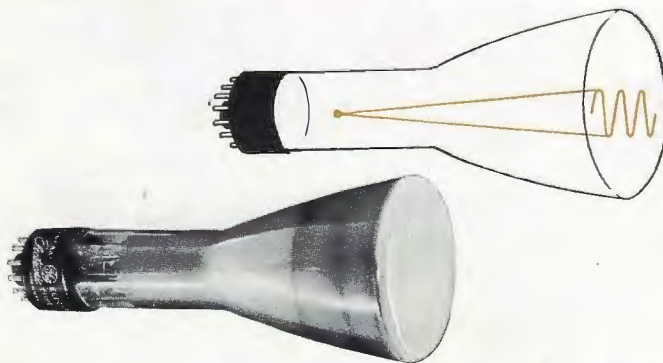
Welding Control Types*	Size	Supply Volts	MAXIMUM RATINGS				Type of Cooling	Warranty
			Kva Demand	Corresponding Average Anode Current, Amp	Maximum Average Anode Current, Amp	Corresponding Kva Demand		
GL-5550/GL-415	(A)	250-600 rms	300	12.1	22.4	100	Water	H-12
GL-5551/FG-271	(B)	250-600 rms	600	30.2	56.0	200	Water	H-12
GL-5552/FG-235-A	(C)	250-600 rms	1200	75.6	140	400	Water	H-12
GL-5553/FG-258-A	(D)	250-600 rms	2400	192.0	355	800	Water	H-12
GL-5822	(C)	220-600 rms	424	20	70	188	Water	H-12

*Ratings are for voltages of 600 volts rms and below.

© For frequency-changer welding control. Peak current = 1500 amperes, peak inverse and forward voltage = 1200 volts.

Power Rectifier Types†	Typical D-c Output Voltage	MAXIMUM RATINGS				Warranty
		Peak Inv. and Forward Volt.	Peak Amp	Average Cont. Amp	Average Amp 1 Minute	
GL-506	17,500	20000	900	150	300	H-36
GL-5779	125△	350	30	10		H-12
GL-5554/FG-259-B	300△	2100	900	100	200	H-24
	600△	2100	600	75	150	
GL-5555/FG-238-B	300△	2100	1800	200	400	H-24
	600△	2100	1200	150	300	
GL-5630	17,500	20000	200	50	50	H-36

†Typical ignitor requirements for power-rectifier ignitrons are 75-125 volts, 15-20 amperes. Maximum requirements are 150 volts, 40 amperes. © Six-phase double-way circuits △ Six-phase double-why single-way circuits



CATHODE-RAY TUBES

FOR MEASUREMENT USE

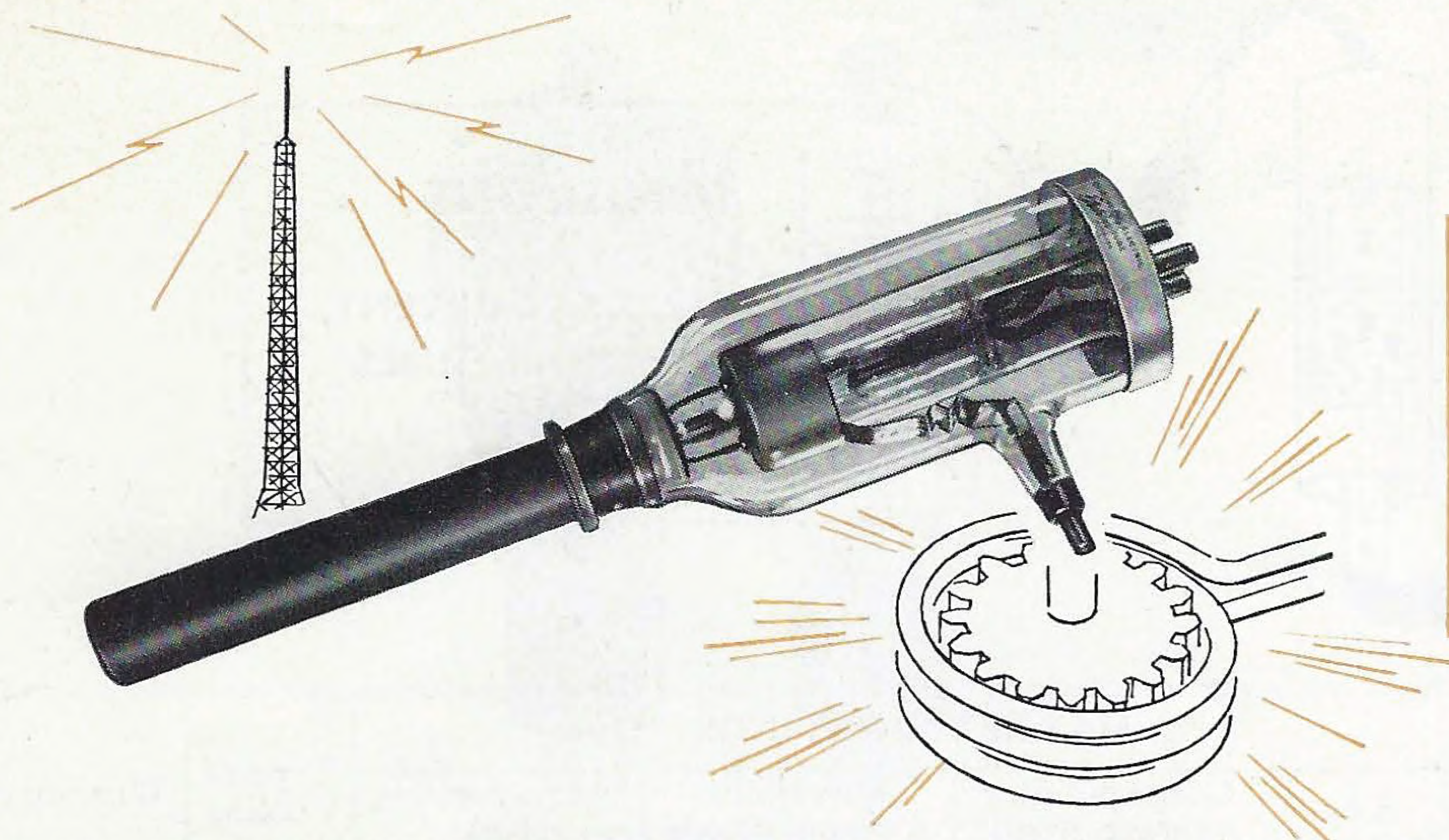
5

Type No.	Screen Diam, Minimum, Inches	HEATER		Screen Fluorescence	Focusing and Deflection	High-voltage Electrode, Max Volts	Warranty
		Volts	Amp				
GL-2AP1-A	1 3/4	6.3	0.6	Green	Electrostatic	1000	C-1000
GL-2BP1	1 3/4	6.3	0.6	Green	Electrostatic	2500	C-1000
GL-3AP1-A	2 3/4	2.5	2.1	Green	Electrostatic	1500	C-1000
GL-3BP1-A	2 3/4	6.3	0.6	Green	Electrostatic	2200	C-1000
GL-3KP1	2 3/4	6.3	0.6	Green	Electrostatic	2500	C-1000
GL-3MP1	2 3/4	6.3	0.6	Green	Electrostatic	2500	C-1000
GL-3UP1	△	6.3	0.6	Green	Electrostatic	2500	C-1000
GL-5BP1-A	4 1/2	6.3	0.6	Green	Electrostatic	2200	C-1000
GL-5CP1-A	4 1/2	6.3	0.6	Green	Electrostatic	4000	C-1000
GL-5CP7-A	4 1/4	6.3	0.6	Blue*	Electrostatic	4000	C-1000
GL-5FP14	4 1/4	6.3	0.6	Blue†	Magnetic	8000	C-1000
GL-5UP1	4 1/2	6.3	0.6	Green	Electrostatic	2500	C-1000
GL-7BP7-A	6	6.3	0.6	Blue*	Magnetic	8000	C-1000
GL-914-A	8 1/4	2.5	2.1	Green	Electrostatic	7000	C-1000

*Phosphorescence—greenish-yellow.

†Phosphorescence—orange.

△Rectangular, 1-3/4 by 1-1/8



PLIOTRONS

GRID-CONTROLLED
HIGH - VACUUM TUBES
FOR USE AS MODULA-
TORS, AMPLIFIERS, OS-
CILLATORS

6

Type No.	No. of Elec- trodes	CATHODE		PLATE				MAX. FREQ. MC.		Mu	Gm	Warranty	Tube Socket Cat. No.
		Volts	Amp	Max. Volts	Max. Amp	Max. Input, Watts	Max. Dissipation, Watts	@ Max. Plate Input	@ 50% Max. Plate Input				
GL-2C39-A	3	6.3	1.0	1000	0.125	100	100	2500	.....	100	22000	C-1000	103J164-103J58
GL-2C40	3	6.3	0.75	500	0.025	4.0	6.5	3370	.....	36	4850	C-1000	
GL-2C42*	3	6.3	0.9	3000	.....	.....	12	1300	.....	48	8000	.....	
GL-2C43	3	6.3	0.9	500	0.040	16.7	12	3370	.....	48	8000	C-1000	
GL-2C46*	3	6.3	0.75	500	0.040	.....	12	1300	.....	60	3500	.....	
GL-2E24	5	6.3	0.65	600	0.085	40	13.5	125	175 @ 68%	7.5	3200	G-1	
GL-2E26	5	6.3	0.80	500	0.075	30	10	125	.....	6.5	3500	G-1	
				600	0.075	40	13.5						
GL-2E30	5	6.0	0.65	250	0.060	15	10.0	165	.....	.....	.....	G-1	
GL-4C21	3	10.0	3.25	1250	0.175	220	100	15	80	12	3600	C-1000	104J52-103J173-103J174
GL-4D21/ 4-125A	4	5.0	6.5	3000	0.225	500	125	120	250 @ 56%	6.2	2450	C-1000	
GL-4X150A	4	6.0*	2.6	1250	0.250	.....	150	500	.....	5	12000	C-1000	
GL-4-250A/ 5D22	4	5.0	14.5	4000	0.350	.....	250	75	120 @ 62%	5.1	4000	C-1000	
GL-5C24	3	10.0	5.2	1750	0.107	250	160	.....	.....	8	5500	C-1000	
GL-7C29	3	10.5	28.0	3000	0.400	.....	.....	110	.....	29	.....	C-1000	
GL-7D21	4	6.3	30.0	4000	1.0	3000	1200	110	.....	8	.....	C-1000	
GL-8D21	6	3.2	125	6000	2.0	10000	6000	300	.....	5	.....	C-1000	
GL-9C24	3	6.3	240	6500	2.0	12000	5000	220	.....	21	11000	C-1000	
12AY7	3†	6.3	0.3	300	.....	.....	1.5†	.....	.....	40	1750	G-1	103J561-103J165-104J50-102J305
GL-35T	3	5.0	4.0	2000	0.150	300	50	100	.....	39	2800	C-1000	
GL-100TH	3	5.0	6.3	3000	0.225	675	100	.....	.....	40	5500	C-1000	
GL-146	3	10	3.25	1500	0.200	300	125	15	60	75	.....	C-1000	
GL-152	3	10	3.25	1500	0.200	300	125	15	60	25	.....	C-1000	
GL-159	3	10	9.60	2000	0.400	800	250	15	35	20	.....	C-1000	
GL-169	3	10	9.60	2000	0.400	800	250	15	35	85	.....	C-1000	
GL-203-A	3	10	3.25	1250	0.175	220	100	15	80	25	.....	C-1000	
GL-204-A	3	11	3.85	2500	0.275	690	250	3	30	23	.....	C-1000	
GL-207	3	22	51.0	15000	2.0	30000	10000	1.5	20	20	.....	C-1000	
GL-211	3	10	3.25	1250	0.175	220	100	15	80	12	.....	C-1000	104J51-103J162
GL-242-C	3	10	3.25	1250	0.150	188	100	6	30	12.5	.....	C-1000	104J51-103J162
FP-265	3	10	5.20	1500	0.200	350	160	.....	.....	75	.....	C-1000	104J52-103J173
FP-285	3	10	3.25	1350	0.200	270	100	.....	.....	12	.....	C-1000	104J51-103J162
GL-473	3	6.0	60.0	3000	1.4	4200	2500	60	.....	22	.....	C-1000	102J306
GL-592	3	10	5.0	3500	0.250	600	200	110	.....	24	2100	C-1000	103J168
GL-800	3	7.5	3.25	1250	0.080	100	35	60	180 @ 55%	15	.....	C-1000	103J516-103J165-104J50-102J305
GL-801-A	3	7.5	1.25	600	0.070	42	20	60	120	8	.....	G-1	103J516-103J165-104J50-102J305
GL-802	5	6.3*	0.90	500	0.060	25	10	30	100 @ 55%	.....	2250	G-1	103J168
				600	0.060	33	13						103J163
GL-803	5	10	5.00	2000	0.175	350	125	20	70	.....	4000	C-1000	104J51-103J162
GL-805	3	10	3.25	1500	0.210	315	125	30	80	.....	.....	C-1000	104J51-103J162
GL-806	3	5	10.0	3000	0.200	600	150	30	100	12.6	.....	C-1000	104J51-103J162
				3300	0.300	1000	225						103J166
GL-807	5	6.3*	0.90	600	0.100	60	25	60	125 @ 55%	8	6000	G-1	103J166
				750	0.100	75	30						103J516-103J165-104J50-102J305
GL-809	3	6.3	2.50	750	0.100	75	25	60	120	50	.....	G-1	104J51-103J162
				1000	0.100	100	30						103J516-103J165-104J50-102J305
GL-810	3	10.0	4.50	2000	0.250	500	125	30	100	36	.....	C-1000	103J170
				2250	0.275	620	150						103J171
GL-811-A	3	6.3	4.00	1250	0.175	175	45	30	100	160	.....	G-1	103J166
				1500	0.175	260	65						103J516-103J165-104J50-102J305
GL-812-A	3	6.3	4.00	1250	0.175	175	45	30	100 @ 55%	29	.....	G-1	103J166
				1500	0.175	260	65						103J171
GL-813	5	10.0	5.00	2000	0.180	360	100	30	120 @ 50%	8.5	3750	C-1000	103J166
				2250	0.225	500	125						103J164-103J58
GL-814	5	10.0	3.25	1250	0.150	180	50	30	75 @ 64%	.....	3300	C-1000	103J170
				1500	0.150	225	65						103J166
GL-815	5	*6.3†	1.6†	400	0.150	60	20	125	200 @ 70%	6.5	4000	G-1	103J170
				500	0.150	75	25						103J516-103J165-104J50-102J305
GL-826	3	7.5	4.0	1000	0.125	125	60	250	300 @ 80%	31	.....	C-1000	103J170
GL-828	5	10.0	3.25	1250	0.160	200	70	30	75 @ 65%	.....	2700	C-1000	103J166
				1500	0.180	270	80						103J170
GL-829-B	5†	*6.3†	2.25†	750	0.240	120	40	200	250 @ 89%	9	8500	C-1000	103J166
GL-830-B	3	10.0	2.0	1000	0.150	150	60	15	60 @ 54%	25	.....	C-1000	103J516-103J165-104J50-102J305

PLIOTRONS (Cont' d)

Type No.	No. of Elec- trodes	CATHODE		PLATE				MAX. FREQ. MC.		Mu	Gm	Warranty	Tube Socket Cat. No.
		Volts	Amp	Max. Volts	Max. Amp	Max. Input, Watts	Max. Dissipation, Watts	@ Max. Plate Input	@50% Max. Plate Input				
GL-832-A	5	*6.3†	0.8†	750	0.090	36	15	200	250 @ 89%	7	3500	C-1000	103J170
●GL-833-A	3	10.0	10.0	4000	0.500	1800	400	30	75 @ 72%	35	....	C-1000	
GL-835	3	10.0	3.25	1250	0.175	220	100	20	100	12	3600	C-1000	104J51-103J162
GL-837	5	12.6*	0.70	500	0.080	32	12	20	60 @ 62%	....	3400	G-1	103J168
GL-838	3	10.0	3.25	1250	0.175	220	100	30	120	....	....	C-1000	104J51-103J162
GL-842	3	7.5	1.25	425	0.028	....	12	....	....	3	1250	G-1	103J516-103J165-104J50-102J305
GL-843	3	2.5*	2.50	450	0.040	....	15	6	30 @ 80%	7.7	....	G-1	103J166
GL-845	3	10.0	3.25	1250	0.175	....	75	....	....	5	....	C-1000	104J51-103J162
GL-849	3	11.0	5.00	2500	0.350	875	400	3	30	19	....	C-1000	
GL-851	3	11.0	15.50	2500	1.00	2500	750	3	15	20.5	....	C-1000	
◆GL-862-A**	3	33	207.0	20000	10.00	200000	100000	1.6	....	45	....	C-1000	
◆GL-880	3	12.6	320.0	15000	4.5	67500	20000	25	100	20	....	C-1000	
◆GL-889-A	3	11	120	8500	2.00	16000	5000	50	150	21	....	C-1000	
◆GL-889R-A ★	3	11	120	8500	2.00	16000	5000	40	100	21	....	C-1000	
◆GL-891	3	11†	60.0	12000	2.00	18000	6000	1.6	20	8	....	C-1000	
◆GL-891-R ★	3	11†	60.0	10000	2.00	15000	4000	1.6	20	8	....	C-1000	
◆GL-892	3	11†	60.0	15000	2.00	30000	10000	1.6	20	50	....	C-1000	
◆GL-892-R ★	3	11†	60.0	12500	2.00	18000	4000	1.6	20	50	....	C-1000	
◆GL-893-A ★	3	10‡	61.0‡	20000	4.00	70000	20000	5	40	34.5	....	C-1000	
◆GL-893A-R ★	3	10‡	61.0‡	20000	4.00	70000	20000	5	25	34.5	....	C-1000	
◆GL-895	3	19#	138	17000	9	140000	40000	6	25 @ 70%	37	....	C-1000	
◆GL-895-R ★	3	19#	138	17000	9	110000	20000	6	25 @ 70%	37	....	C-1000	
◆GL-898-A**	3	16.5††	70.0††	20000	10.00	200000	100000	1.6	....	45	17500	C-1000	
GL-954	5	6.3	0.15	250	0.00	....	....	....	....	....	1400	G-1	
GL-955	3	6.3	0.15	180	0.008	....	....	....	....	....	2200	G-1	
GL-956	5	6.3	0.15	250	0.006	....	....	....	....	....	....	G-1	
GL-957	3	1.25	0.05	135	0.002	....	....	....	....	13.5	650	G-1	
GL-959	5	1.25	0.05	145	0.001	....	....	....	....	....	600	G-1	
●GL-1000-T	3	7.5	17.0	7500	0.750	....	1000	50	....	35	9050	C-1000	
GL-1603	5	6.3	0.3	250	0.006	....	....	....	....	20	1900	G-1	
GL-1612	6	6.3	0.3	250	0.005	....	....	....	....	....	1100	G-1	103J164-103J58
GL-1613	5	6.3*	0.70	350	0.050	17.5	10	45	90 @ 85%	....	2500	G-1	103J164-103J58
GL-1614	5	6.3*	0.90	375	0.110	35	21	80	120 @ 75%	....	6050	G-1	103J164-103J58
GL-1619	5	2.5	2.0	400	0.075	30	15	45	96 @ 77%	....	4500	G-1	103J164-103J58
GL-1620	5	6.3	0.3	250	0.006	....	....	....	....	20	1900	G-1	103J164-103J58
GL-1621	5	6.3	0.7	300	0.069	....	....	....	....	....	....	G-1	103J164-103J58
GL-1622	4	6.3	0.9	300	0.125	....	....	....	....	....	....	G-1	103J164-103J58
GL-1623	3	6.3	2.5	750	0.100	75	25	60	115	20	....	G-1	103J516-103J165-104J50-102J30
GL-1624	5	2.5	2.0	600	0.090	54	25	60	125 @ 55%	....	4000	G-1	103J166
GL-1625	5	12.6*	0.45	600	0.100	60	25	60	125 @ 55%	8	6000	G-1	103J168-103J58
GL-1629	4	12.6	0.15	250	0.024	....	....	....	....	....	....	G-1	103J168-103J58
GL-1633	6	25	0.15	300	0.011	....	2.5	....	....	18	6900	G-1	103J168-103J58
●GL-5513	3	6.3	32.0	4000	1.0	3600	1200	220	....	87	....	C-1000	
GL-5516	5	6.0	0.7	600	0.090	45	15	80	165 @ 75%	9	4000	G-1	
●GL-5518	3	6.3	2.50	7500	2.0	12000	4000	110	....	22	12000	C-1000	
●GL-5549	3	12.6	56.0	8500	1.25	10000	4000	50	....	23	....	C-1000	
GL-5556/PJ-8	3	4.5	1.1	350	0.040	14	10	6	30	8.5	....	G-1	103J516-103J165-104J50-102J305
●GL-5588	3	6.3*	2.5	1000	0.300	250	200	1200	2000 @ 80%	16	....	C-1000	
GL-5610	3	6.3*	0.15	300	0.017	....	3.0	....	....	14	4000	G-1	
GL-5654	5	6.3*	0.175	180	0.007	....	1.7	....	....	....	5000	G-1	
GL-5670	6	6.3*	0.350	300	0.018	....	1.5	....	....	35	5500	G-1	
GL-5674	6	3.8	0.090	10	0.0001	Low-grid-current measurement tube				....	....	C-1000	103J164-103J58
●GL-5680	3	13.0	36.0	6000	2.0	6000	2500	5	....	25	....	C-1000	
GL-5686	5	6.3*	0.35	250	0.040	10	7.5	160	....	....	3100	G-1	
GL-5691	6	6.3	0.6	275	0.01	....	1	....	....	....	....	G-1	103J164-103J58
GL-5692	6	6.3	0.6	275	0.015	....	1.75	....	....	....	....	G-1	103J164-103J58
GL-5693	5	6.3	0.3	300	0.010	....	2.0	....	....	....	....	G-1	103J164-103J58
GL-5725	5	6.3*	0.175	180	....	....	1.7	....	....	....	3200	G-1	
GL-5739/FP-62	3	4.5	1.48	112.5	0.010	For gas-pressure measurement				....	....	C-1000	
GL-5740/FP-54	4	2.5	0.09	6	0.006	Low-grid-current measurement tube				....	....	C-1000	103J516-103J165
GL-5742/PJ-7	3	4.5	1.1	350	0.040	14	10	6	....	30	....	G-1	
GL-5743/PJ-21	3	4.5	1.1	350	0.019	....	7.5	....	....	3	....	G-1	
GL-5749	5	6.3*	0.30	300	....	....	3.0	....	....	....	4400	G-1	
GL-5750	6	6.3*	0.30	300	....	....	1.0	....	....	....	....	G-1	
GL-5751	6	6.3*	0.350	330	0.001	....	1.1†	....	....	70	1200	G-1	
GL-5763	5	12.6*	0.175	....	....	....	....	....	....	....	7000	....	
GL-5797	5	6.0*	0.75	300	0.050	15	12	....	....	....	3450	....	
GL-5798	3†	26.5*	0.045	50	....	....	0.8	....	....	....	3150	....	
GL-5814	6	26.5*	0.090	50	....	....	0.4†	....	....	....	....	....	
		6.3*	0.350	330	0.010	....	3.03†	....	....	17	2200	G-1	
		12.6*	0.175	....	....	....	....	....	....	....	....	....	
GL-5824	5	25*	0.3	200	0.069	....	12.5	....	....	....	5000	G-1	
GL-5844	3†	6.3*	0.30	175	....	....	0.5†	....	....	27	3400	G-1	
GL-5963	3†	6.3*	0.30	250	....	....	2.5†	....	....	22	2800	G-1	
GL-6005	5	6.3*	0.45	250	....	....	12	....	....	....	4100	G-1	
GL-6019	4	6.3	24.0	4000	0.7	2800	2000	900	....	10	....	C-1000	
GL-6039	3	5.0	78.0	7500	2.25	16000	7000	220	....	21	....	C-1000	
GL-8000	3	10	4.5	2500	0.300	750	175	30	100	16.5	....	C-1000	104J51-103J162
◆GL-8002	3	16	38	3500	1.00	3000	1200	150	300	21.5	....	C-1000	
●GL-8002-R	3	16	38	3500	1.00	3000	1200	120	200	21.5	....	C-1000	
GL-8005	3	10	3.25	1250	0.200	240	75	60	100 @ 60%	20	....	G-1	103J516-103J165
				1500	0.200	300	85	....	....	....	....	....	104J50-102J305
GL-8025-A	3	6.3	1.92	1000	0.080	50	30	500	600 @ 70%	18	....	C-1000	103J165-104J50
GL-9001	5	6.3	0.15	250	0.002	....	0.5	....	....	....	1400	G-1	
GL-9002	4	6.3	0.15	250	0.006	....	1.6	....	....	25	2200	G-1	
GL-9003	5	6.3	0.15	250	0.006	....	1.7	....	....	....	1800	G-1	

Figures in bold type are ICAS ratings.

* Heater-type cathode.

★ Lower prices apply when new tube is purchased and radiator in good condition is returned, prepaid, to Schenectady.

** Credit for return, prepaid, to Schenectady—carton \$5.00, tube \$10.00.

† Single- or two-phase filament. Voltage is per unit.

§ Single-, three-, or six-phase filament. Voltage is per strand, current is per terminal.

† Per section.

†† Single- or three-phase filament. Voltage is per strand, current is per strand.

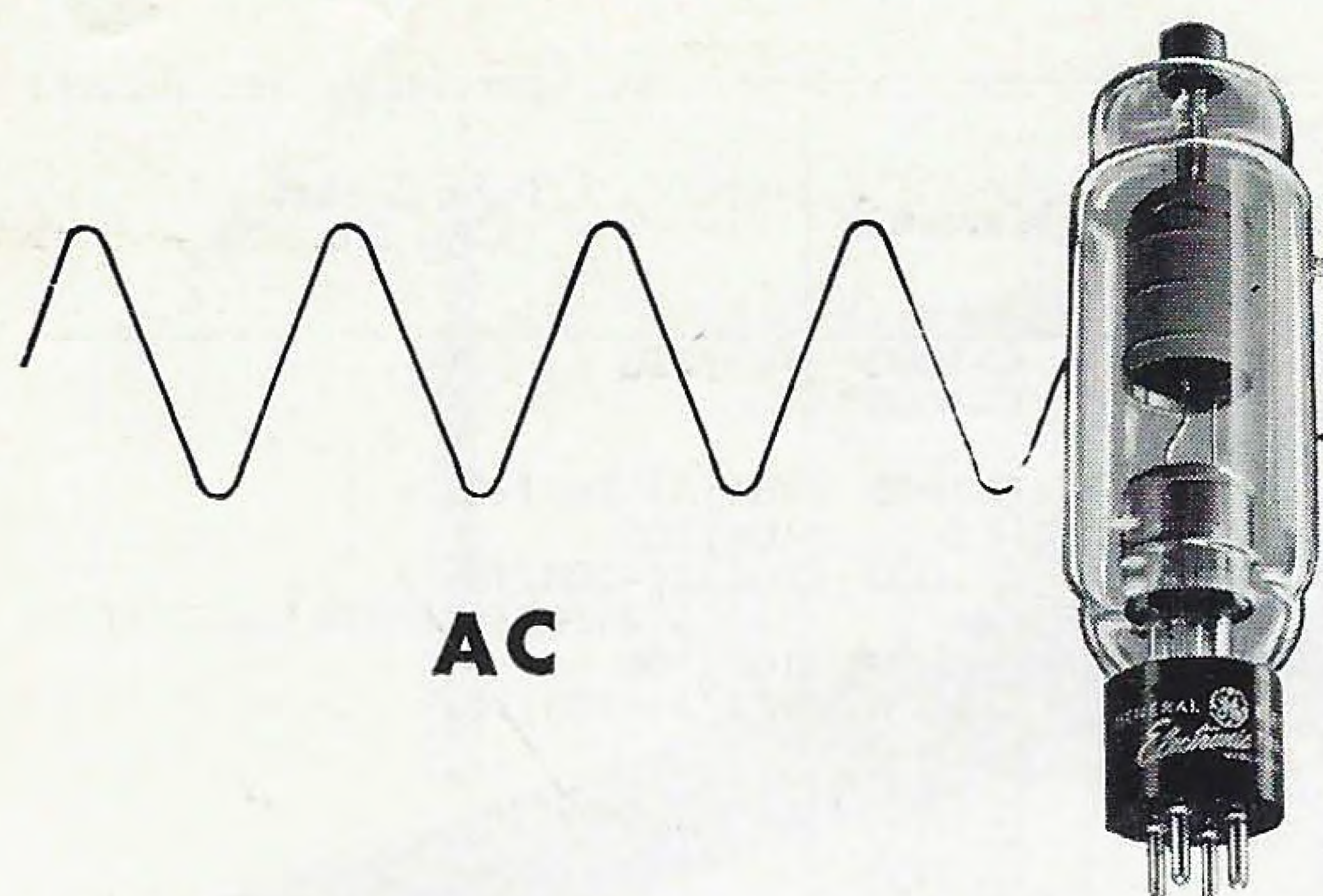
Voltage to neutral.

● Forced-air-cooled type.

◆ Water-cooled type.

GASKETS FOR WATER-COOLED TYPES

Cat. No.	Used on Tube Type	Cat. No.	Used on Tube Type
5182028P1	GL-862-A, GL-880, GL-898-A	5182028P8	GL-889-A
5182028P2	GL-858, GL-893-A	5182028P10	GL-8002
5182028P3	GL-214, GL-207, GL-891, GL-892	5182028P11	GL-8009



KENOTRONS

HIGH - VACUUM RECTI-
FIER TUBES

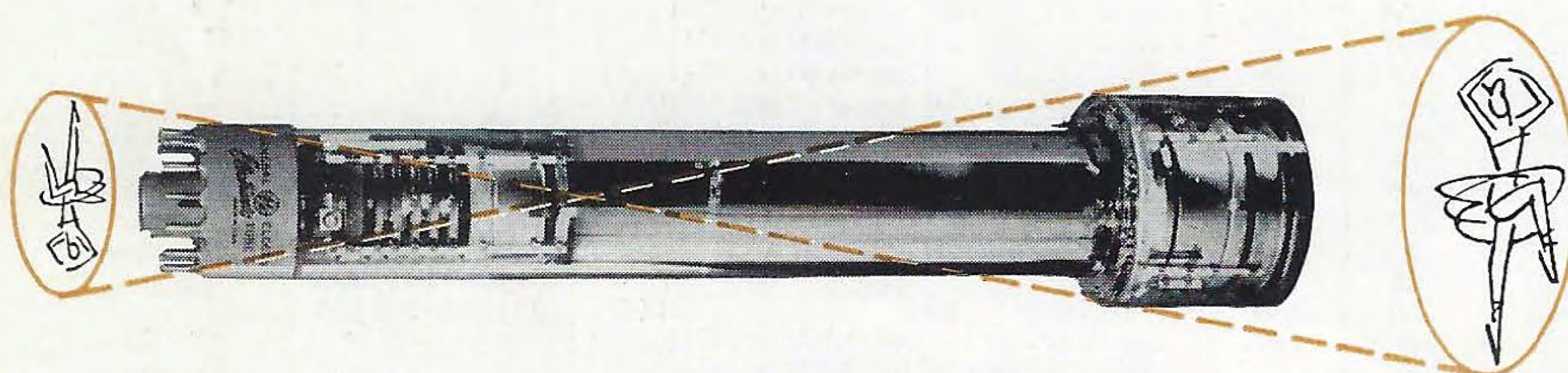
7

Type No.	No. of Elec- trodes	CATHODE		PLATE			Volt- age Drop Volts	Average Dissi- pation Watts	Warranty	Tube Socket Cat. No.
		Volts	Amp	Max. Inv. Volts	Max. Amp	Average Amp				
GL-2B22	2	6.3	0.75	100	0.7	.....	0.020	.....	C-1000	103J164-103J58
GL-2B23	2	6.3	0.3	150	0.030	.....	.....	.....	C-1000	103J164-103J58
KC-1	2	9.0	32.0	100000	1.0	.....	.....	.....	C-1000	103J523
KC-3	2	12.5	32.0	150000	1.0	.....	.....	.....	C-1000	103J523
2X2-A	2	2.5	1.75	12500	0.100	.....	.....	.....	G-1	.....
5R4-GY	3	5.0	2.0	2800	0.650	.....	.....	.....	G-1	103J175-103J164 103J58
GL-217-C	2	10	3.25	7500	0.600	.....	210	.....	C-1000	104J51-103J162
GL-218	2	11	14.75	50000	0.750	.....	.....	.....	C-1000	.....
GL-3B24-W	2	2.5	3	20000	0.150	0.03	.....	.....	C-1000	103J516-103J165 104J50-102J405
		5.0	3	20000	0.300	0.06	.....	.....	.....	.....
FP-400	2	4	2.25	125	0.025	.....	.....	.....	C-1000	103J516-103J165 104J50-102J205
GL-411	2	10	14.5	10000	0.300	.....	.....	500	C-1000	103J523
GL-836	2	2.5*	5.0	5000	1.0	0.25	45	.....	G-1	103J516-103J165- 104J50-102J305
GL-1616	2	2.5	5.0	5500	0.800	0.13	75	.....	G-1	103J516-103J165- 104J50-102J305
GL-5625/KC-4	2	20	24.5	150000	1.0	.....	4000	750	C-1000	103J523
GL-5726	2†	6.3	0.30	330	0.054	.....	.....	.....	G-1	.....
GL-5741/FP-85-A	2	10	5.0	20000	0.100	0.020	.....	.....	C-1000	103J516-103J165- 104J50-102J305
GL-5973	2	16.0	19.1	75000	5.0	.....	.....	850	C-1000	103J523
GL-8013-A	2	2.5	5.0	40000	0.150	0.020	.....	12	C-1000	.....
GL-8020	2	5.0 5.8△	6.0	40000 12500△	0.750 2△	0.100	200	75△	C-1000	{ 103J516-103J165 104J50-102J305
GL-9004	2	6.3	0.15	117	.....	.....	.....	.....	G-1	.....
GL-9005	2	3.6	0.165	117	.....	.....	.....	.....	G-1	.....

*Heater-type cathode.

†Per section.

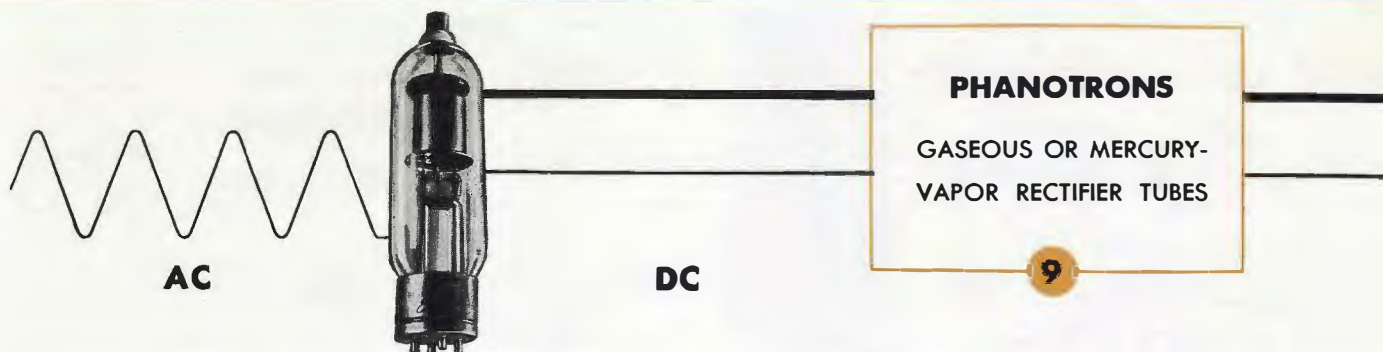
△Surge-limiting diode operation.



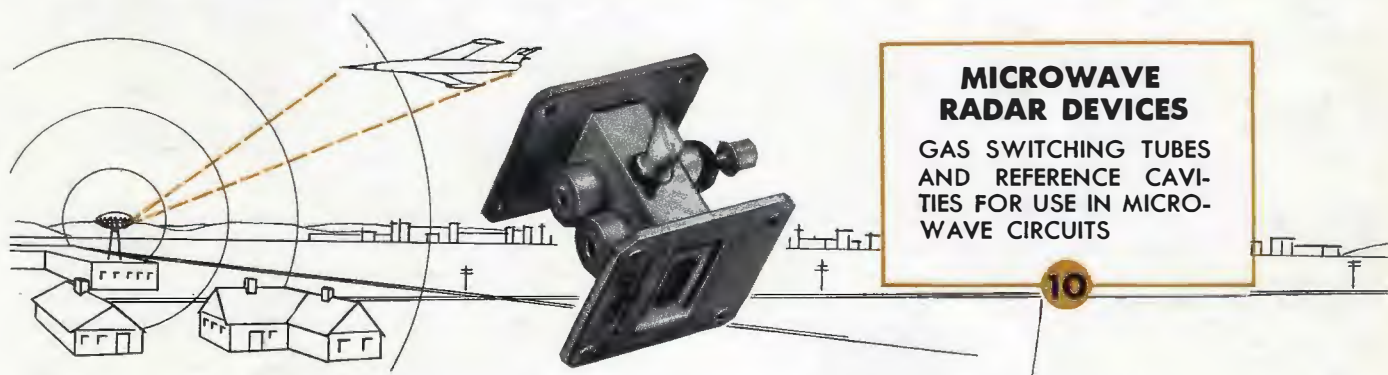
TELEVISION CAMERA TUBES

8

IMAGE ORTHICONS	CATHODE		Anode Voltage	Photocathode Voltage	Image Size Inches	Warranty
	Voltage	Current Amp				
Type						
GL-5820	6.3	0.6	1650	-550	1.6 Diagonal	
GL-5826	6.3	0.6	1500	-550	1.6 Diagonal	
Iconoscope			Signal-Electrode Voltage			
GL-1850-A	6.3	0.6	1200	Electrostatic Focusing, Magnetic Deflection		



Type No.	No. of Electrodes	CATHODE		ANODE			Temp Range Condensed Mercury C	Warranty	Tube Socket Cat. No.
		Volts	Amp	Peak Volts	Peak Amp	Avg Amp			
FG-166	2	2.5	100	1500	75	20	20-60	H-12	102J304
GL-266-B	2	5.0	30	22000	40	10	30-40	C-1000	
FG-280	2	5.0	10	2000	40	6.4	40-80	H-12	102J304
GL-575-A	2	5.0	10	15000	6	1.5	20-50	C-1000	104J51-103J162
GL-673	2	5.0	10	15000	6	1.5	20-50	C-1000	104J52-103J173
GL-816	2	2.5	2	7500	0.5	0.125	20-60	G-1	103J165-104J50
GL-857-B	2	5	30	22000	40	10	30-40	C-1000	
GL-866-A	2	2.5	5	10000	1	0.25	25-60	G-1	103J516-103J165-104J50-102J305
GL-869-B	2	5	19	20000	10	2.5	30-40	C-1000	
GL-870-A	2	5	65	16000		75.0	35-40	C-1000	
GL-872-A	2	5	7.5	10000	5	1.25	20-60	G-1	104J51-103J162
GL-5558/FG-32	2	5.0	4.5	5000	15	2.5	30-60	H-12	103J516-103J165-104J50-102J305
GL-5561/FG-104	2	5.0	10	3000	40	6.4	40-80	H-12	104J52-103J173
GL-8008	2	5	7.5	10000	5	1.25	20-60	G-1	104J52-103J173

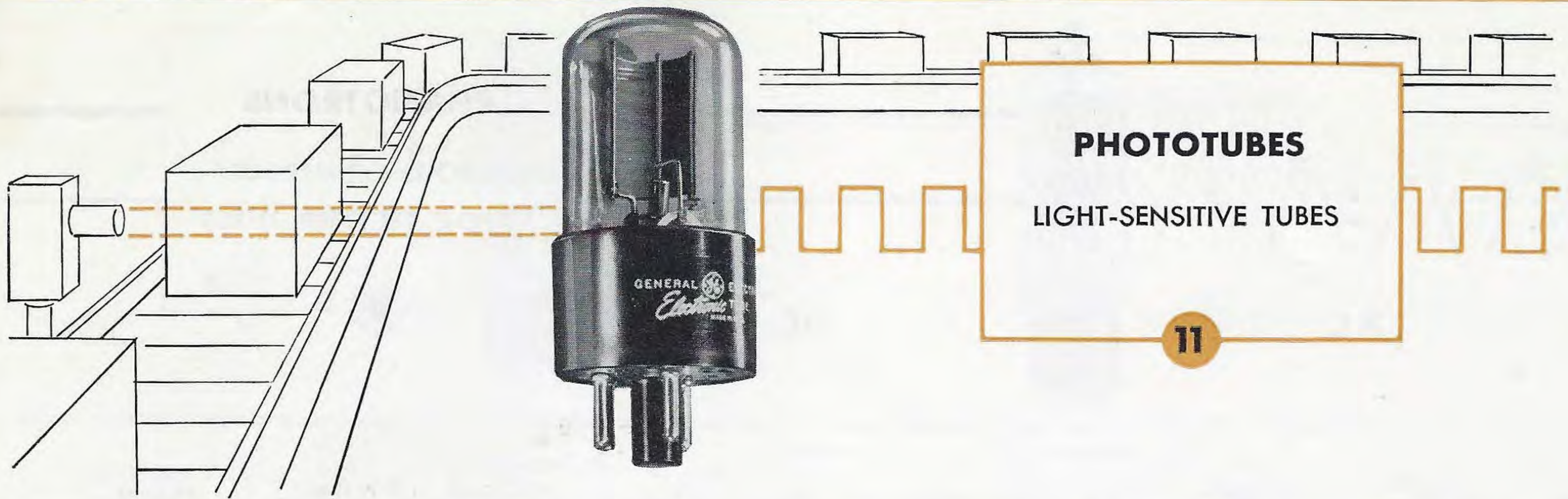


MICROWAVE RADAR DEVICES

GAS SWITCHING TUBES AND REFERENCE CAVITIES FOR USE IN MICRO-WAVE CIRCUITS

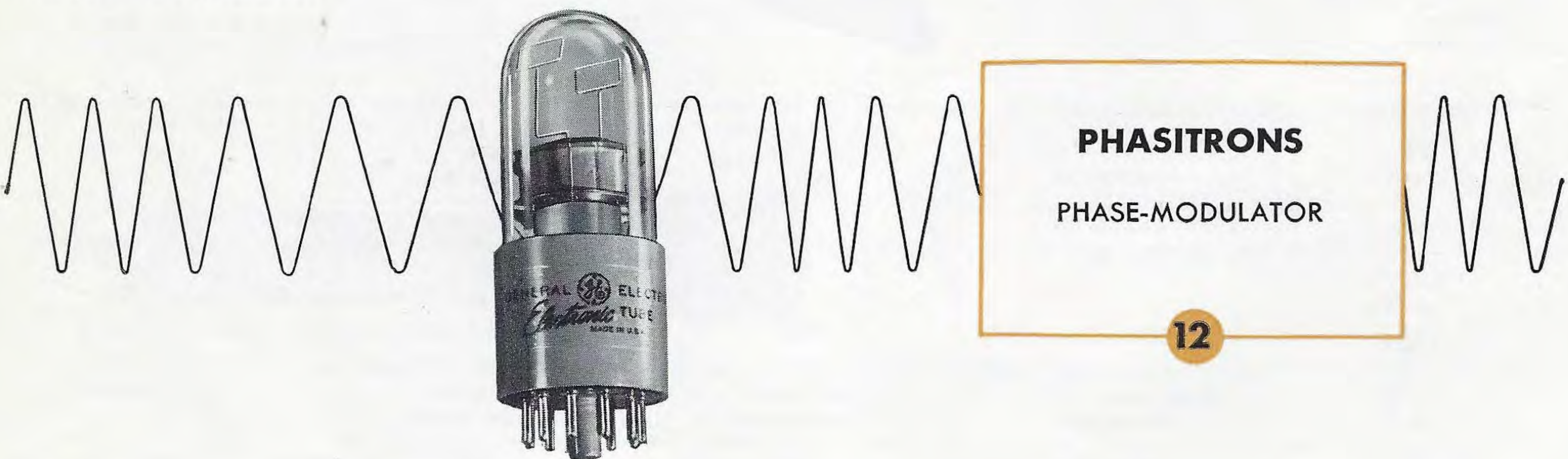
TR Type No.	Frequency Range Megacycles	Max. Transmitter Power—Average Watts	Spike Leakage Energy per Pulse—Ergs	Flat Leakage Power Milliwatts
GL-1B63-A	8940-9578	250	0.15	20
PRE-TR Type No.			Typical Leakage Energy— 1.5×10^{-4} Joules	
GL-1B38	2690-2910	1000		
A-TR Type No.	Frequency Range Megacycles	Typical Equivalent Conductance	Minimum Firing Power	Typical Loaded Q
GL-1B35	9000-9600	0.04	5	4
GL-1B37	8500-9000	0.04	5	4
GL-1B44	2680-2830	0.03	20	4
GL-1B56	2783-2922	0.03	20	4
GL-6038	9000-9600	0.04	5	4

REFERENCE CAVITY Type No.	Resonant Frequency (Megacycles)	Insertion Loss (db.)	Typical Loaded Q
GL-1Q26	9279.7-9280.3	6.5	1250



Type No.	Gas or Vacuum	Spectral Response RMA Standard	Anode Volts	Sensitivity in Microamperes per Lumen	Window Dimensions in Inches	Max. Amb Temp. C	Warranty	Tube Socket Cat. No.
GL-1P21*	Vacuum	S4	1250	80 amperes	$\frac{5}{16} \times \frac{15}{16}$	75	G-1	
GL-1P29/FJ-401	Gas	S3	100	40	$\frac{5}{8} \times 1\frac{1}{4}$	100	G-1	103J165-104J50
GL-1P37	Gas	S4	100	135	$\frac{5}{8} \times 1\frac{1}{4}$	75	G-1	
GL-1P39	Vacuum	S4	250	45	$\frac{5}{8} \times \frac{13}{16}$	75	G-1	103J164-103J58
GL-1P40	Gas	S1	90	135	$\frac{5}{8} \times \frac{13}{16}$	100	G-1	103J164-103J58
PJ-22	Vacuum	S1	500	20	$\frac{11}{16} \times 1\frac{5}{8}$	100	G-1	
GL-441	Vacuum	S4	250	45	$\frac{11}{16} \times 1\frac{5}{8}$	50	G-1	103J165-104J50
GL-868/PJ-23	Gas	S1	100	90	$\frac{5}{8} \times 1\frac{1}{4}$	100	G-1	103J165-104J50
GL-917	Vacuum	S1	500	20	$\frac{11}{16} \times 1\frac{5}{8}$	100	G-1	103J516-103J165-104J50
GL-918	Gas	S1	90	150	$\frac{5}{8} \times 1\frac{1}{4}$	100	G-1	103J516-104J50
GL-919	Vacuum	S1	500	20	$\frac{11}{16} \times 1\frac{5}{8}$	100	G-1	103J516-103J165-104J50
GL-920	Gas	S1	90	100	$\frac{1}{4} \times 1$ (each unit)	100	G-1	103J165-104J50
GL-921	Gas	S1	90	135	$\frac{5}{8} \times \frac{7}{8}$	100	G-1	102J303
GL-922	Vacuum	S1	500	20	$\frac{5}{8} \times \frac{5}{8}$	100	G-1	102J303
GL-923	Gas	S1	90	135	$\frac{11}{16} \times \frac{7}{8}$	100	G-1	103J165-104J50
GL-927	Gas	S1	90	125	$\frac{7}{16} \times \frac{7}{8}$	100	G-1	
GL-929	Vacuum	S4	250	45	$\frac{5}{8} \times \frac{13}{16}$	75	G-1	103J164-103J58
GL-930	Gas	S1	90	135	$\frac{5}{8} \times \frac{13}{16}$	100	G-1	103J164-103J58
GL-931-A*	Vacuum	S4	1250	20.0 Amperes	$\frac{5}{16} \times \frac{5}{16}$	75	G-1	
GL-935	Vacuum	S5	250	35	$\frac{5}{8} \times 1\frac{5}{16}$	75	G-1	103J164-130J58
GL-5581	Gas	S4	100	135	$\frac{5}{8} \times 1\frac{3}{16}$	75	G-1	

*Multiplier type phototube.



Type No.	CATHODE		Anode Volts	Deflector Volts	R-F Output Volts	Frequency For Max. Ratings Kc	Warranty
	Volts	Amp					
GL-2H21	6.3	0.3	300	100	4	500	C-1000
GL-5593	6.3	0.3	300	100	4	250	C-1000



HIGH-ALTITUDE DEVICES

VACUUM CAPACITORS
VACUUM SWITCHES

13

14



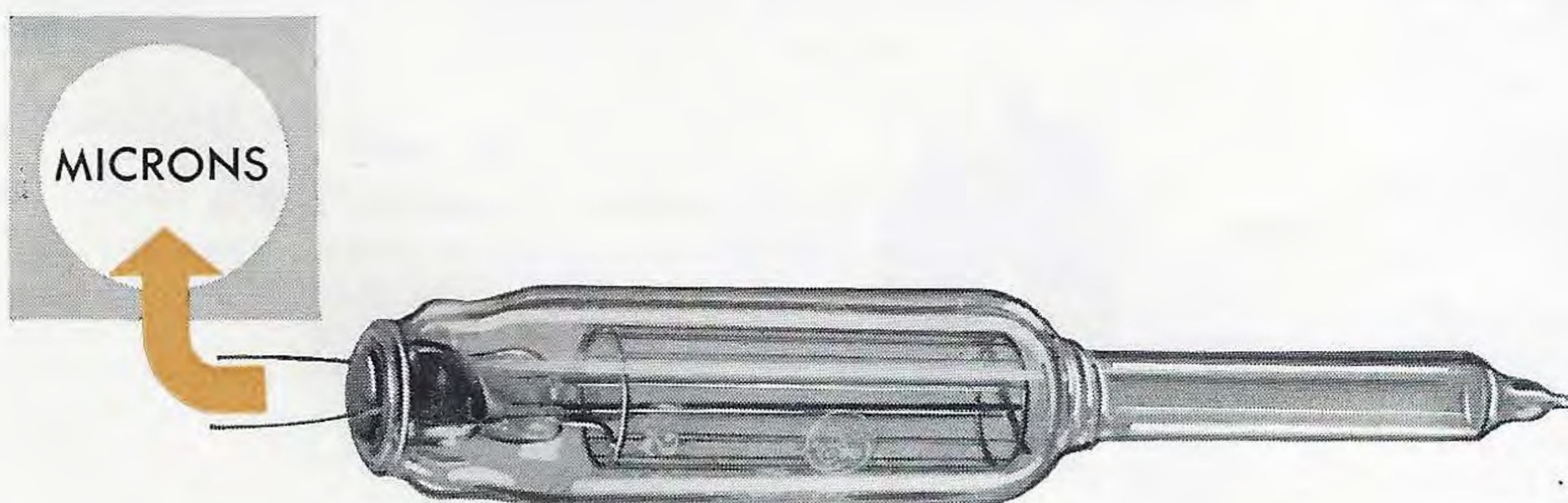
VACUUM CAPACITORS

Type No.	Peak Voltage, Volts A-c, D-c or R-f	Capacitance Micromicrofarads		Ambient Temperature		Warranty
		$\pm 5\%$	Code★	Min.	Max.	
GL-1L21	7500	12	B	-40	+65	G-1
GL-1L22	16000	25	C	-40	+65	G-1
GL-1L23	16000	50	D	-40	+65	G-1
GL-1L24	16000	100	E	-40	+65	G-1
GL-1L25	16000	12	B	-40	+65	G-1
GL-1L31	16000	6	A	-40	+65	G-1
GL-1L32	7500	6	A	-40	+65	G-1
GL-1L33	7500	100	E	-40	+65	G-1
GL-1L36	7500	25	C	-40	+65	G-1
GL-1L38	7500	50	D	-40	+65	G-1

★The code letter is permanently stamped on each capacitor for ease of identification. The coded end of the capacitor is connected to the inner cylinder. It is advisable to connect the unmarked end to ground potential to afford shielding from stray capacitances.

VACUUM SWITCHES

Type No.	Max. Hold-off Voltage, Peak	Max. Interrupting Rating, Amperes	Warranty
GL-5626/FA-15	3000	10	G-1
GL-5627/FA-6	700	10	G-1



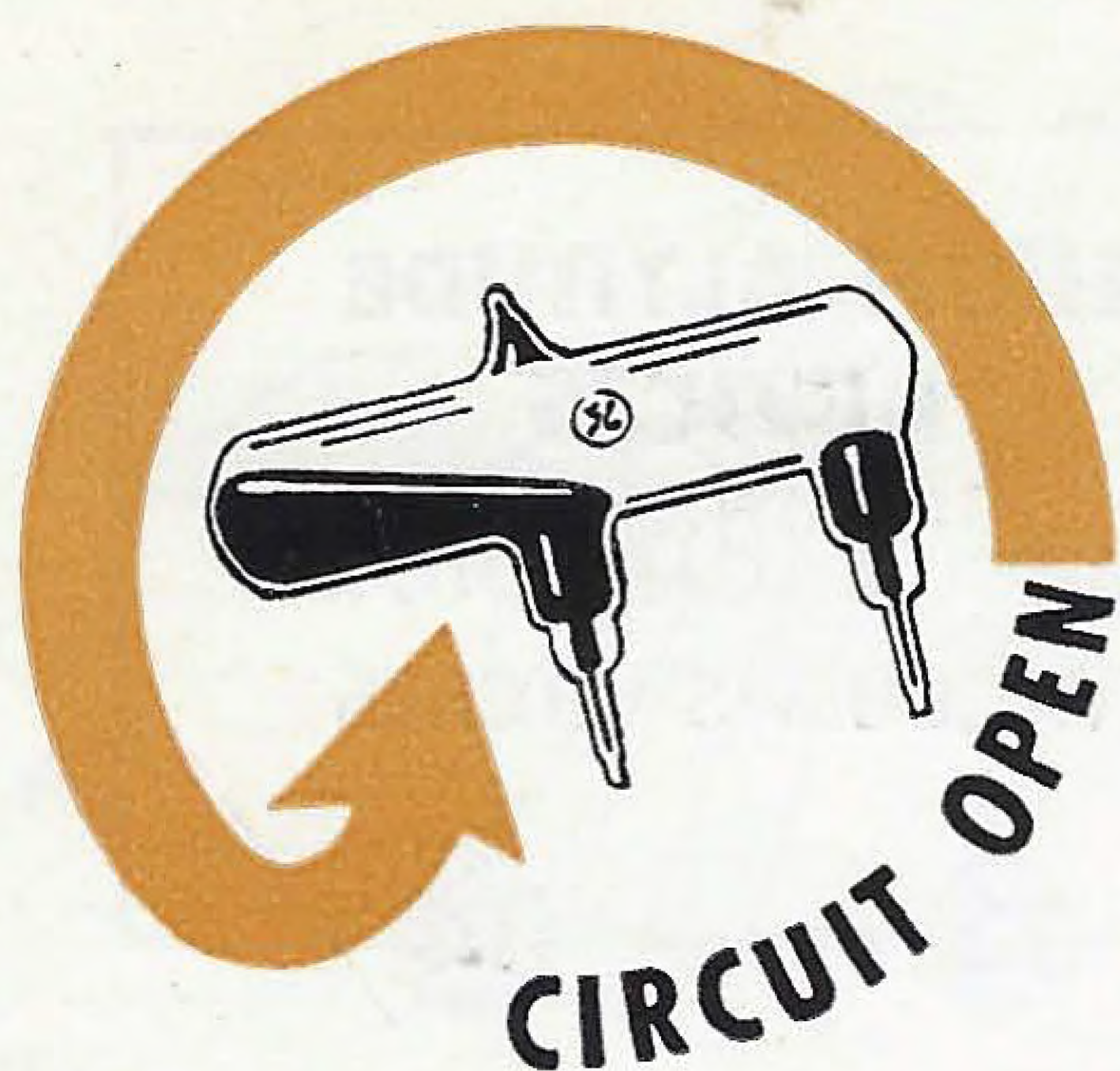
VACUUM GAGES

TO MEASURE GAS PRES-
SURE

15

Type No.	Volts	Range in Microns	Warranty
GL-5628/FA-13	6	0-600	H-12
GL-5629/FA-14	6	§	H-12

§Used with FA-13 to compensate for temperature and voltage changes.



KON-NEC-TOR

MERCURY SWITCHES

16

TYPE	Switching Action	Voltage Rating	Current Rating *		Max. Height	Max. Length	Max. Diameter	Holder Clip#	Total Movement Required in Degrees
			A-C	D-C					
1-1KR1 1-2KR1	SPST N. Open SPST N. Closed	† { 125 250 }	0.3 0.15	0.15 0.08 }	—	2¼	0.562	4839	Magnetically Actuated
1-15KR0	SPST	† { 8 125 }	5 0.100	5 0.100 }	—	1½	0.300	—	14
2-25KR1 2-36KR1	SPST SPDT	† { 125 250 550 }	5 3 1	3 1.5 ** }	— —	2⅛ 2¾	0.656 0.625	4839 6602	14
2-33KR1	SPST	† { 125 250 }	3 2	2 1 }	—	1⅞	0.531	6601	15
2-52KR1	SPST	† { 8 125 250 }	5 2 1	5 1 0.5 }	—	1½	0.406	6601	15
4-19KR1 4-21KR1 4-24KR1 4-40KR1	SPDT SPST SPDT SPST	† { 125 250 250 250 }	15 10 8	10 5 ** }	1 49/64 1 49/64 1 49/64 1 64/58	1½ 1½ 2 11/32 2¾	0.480 0.480 0.480 0.625	4838 4838 4838 4839	30 20 20 15
7-19KR1 7-21KR1 7-24KR1	SPDT SPST SPDT	† { 125 250 550 }	25 20 15	20 10 ** }	1 57/64 1 57/64 1 57/64	2 13/16 2½ 3⅛	0.550 0.550 0.550	4839 4839 4839	20 15 20

*Non-inductive circuit (maximum).

**Not recommended for this service.

†Ratings following this bracket apply to all types listed in this individual group.

MOUNTING CLIPS

Because proper mounting is essential to the satisfactory performance of mercury switches, special tempered, cadmium-plated steel mounting clips have been designed. Although these clips are sufficiently flexible to hold securely the somewhat variable diameters

characteristic of glass tubes, the use of a drop of adhesive at each clip contact is recommended to insure the switch remaining in the correct mounting plane. These clips should be ordered separately in the quantity required by the individual switch-type.



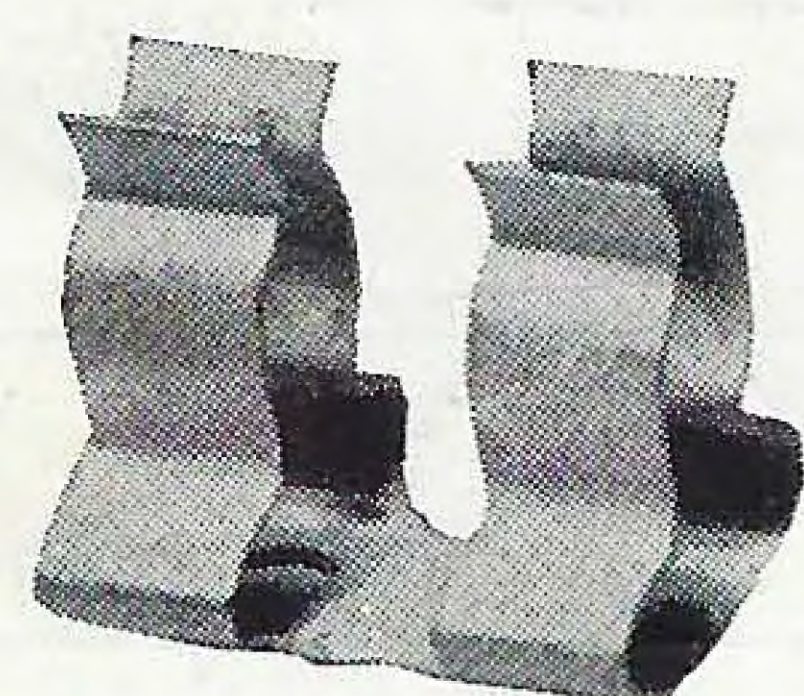
No. 4839

For 4-40, 7-19, 7-21, & 7-24—2 required per switch. For 2-25—1 required per switch.



No. 6602

For 2-36—2 required per switch.



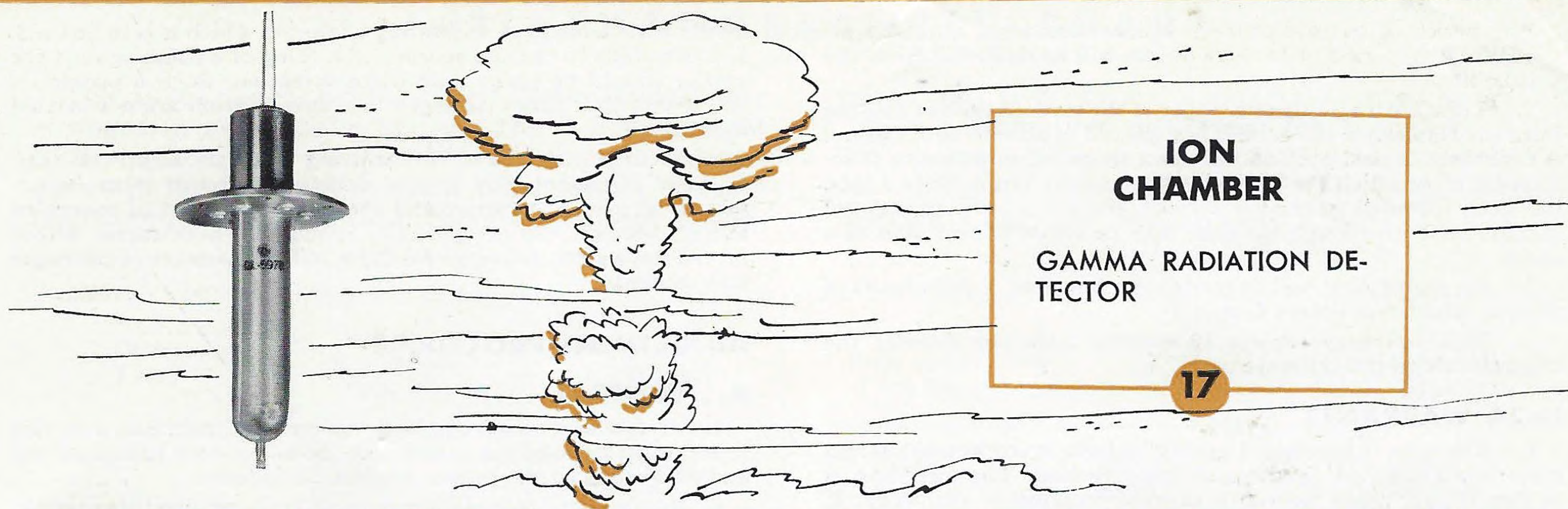
No. 6601

For 2-33—1 required per switch.



No. 4838

For 4-19, 4-21, & 4-24—2 required per switch.



Type No.	Sensitivity to Gamma Radiation*	Maximum Operating Voltage	Maximum Altitude	Ambient Temperature
GL-5978	1.3×10^{-10} Amperes per Roentgen per hour	300	50,000 ft.	-55 to +100 C

* From source containing radium in equilibrium with its decay products at intensity of 2 roentgens per hour.

WARRANTIES AND ADJUSTMENTS

GENERAL

The numerous types of General Electric industrial and transmitting tubes and vacuum devices included in the various General Electric classifications cover a wide range of applications. In addition, our tubes and vacuum devices are items having fairly definite life expectancy which varies to some degree depending upon the application made. These factors, coupled with an earnest desire that our customers receive satisfactory service from General Electric products, make it extremely difficult to fashion a blanket adjustment policy to cover all situations. Consequently we have devised the following warranties, each incorporating a definite adjustment policy, designed to fit specific classes of tubes and applications. As a result, each type of General Electric industrial and transmitting tube and vacuum device is sold under a specific warranty.

The liability of the General Electric Company under these warranties is limited to replacing or issuing credit for defective tubes as set forth below. In no case will General Electric Company be liable for consequential damage.

The word "Tube," as used hereinafter, shall also denote vacuum device.

The following warranties do not extend to any General Electric industrial or transmitting tubes which, in the opinion of General Electric Company representatives, have been subjected to misuse, abuse, neglect, accident, improper installation or application; or alteration or negligence in use, storage, transportation, or handling.

We reserve the right, however, to replace on a type-for-type basis all tubes found to be subject to in-warranty adjustment. In such cases, a charge will be made to the customer, based on the selling price of the tube at the time of adjustment, for the expended life of the defective tube in accordance with the adjustment made.

Final determination as to whether a tube is subject to adjustment rests with the General Electric Company.

WARRANTIES

C-1000 Warranty

1. The tube is warranted against defects in workmanship and materials when used within published ratings. The foregoing is in lieu of any other warranty express, implied or statutory. If such defects appear before 1000 hours of service and "Adjustment Procedure" has been followed, proportional credit, based on the selling price of the tube at the time adjustment is made, will be given for the difference between elapsed life in hours at failure and 1000 hours as follows:

- Full credit at or before 50 hours of service.
 - Subsequent to 50 hours of service, partial credit will be based on the difference between elapsed life in hours at failure and 1000 hours.
2. No adjustment will be made after 1000 hours of service.
3. This warranty expires one year from the date of the original sale to the ultimate user.

G-1 WARRANTY

1. The tube is warranted against defects in workmanship and materials when used within published ratings. The foregoing is in lieu of any other warranty express, implied or statutory. If such defects appear within one month after the tube is placed in service and "Adjustment Procedure" has been followed, full credit, based on the selling price of the tube at the time adjustment is made, will be given.

2. No adjustment will be made after one month of service.

3. This warranty expires one year from the date of the original sale to the ultimate user.

H-12 WARRANTY

1. The tube is warranted against defects in workmanship and materials when used within published ratings. The foregoing is in lieu of any other warranty express, implied or statutory. If such defects appear within one year after the tube is placed in service and "Adjustment Procedure" has been followed, proportional credit, based on the selling price of the tube at the time adjustment is made, will be given for the difference between the elapsed life in months at failure and one year as follows:

- Full credit at or before 15 days of elapsed service.
- Subsequent to 15 days of service, partial credit will be based on the difference between the elapsed life in months at failure and one year. Any period of 16 days or more will be considered a full month of life. Any period of 15 days or less will be deducted from the tube life.

2. Tube life under this warranty is the elapsed time in months from the time when the tube is first placed in service until failure. A tube may be held continuously as a spare for a maximum of six months, after which the tube life will automatically begin. Once a tube has been installed in regular service, the life will be considered as continuous even though the tube may be removed and used as a spare.

3. No adjustment will be made after one year of service.

4. This warranty expires 18 months from the date of the original sale to the ultimate user.

H-12 (3000) WARRANTY

1. The tube is warranted against defects in workmanship and materials when used within published ratings. The foregoing is in lieu of any other warranty express, implied or statutory. If such defects appear within one year after the tube is placed in service (or 3000 hours of service, whichever occurs first) and "Adjustment Procedure" has been followed, proportional credit, based on the selling price of the tube at the time adjustment is made, will be given for the difference between the elapsed life in months at failure and one year as follows:

- Full credit at or before 15 days of elapsed service.
- Subsequent to 15 days of elapsed service, partial credit will be based on the difference between the elapsed life in months at failure and one year or 3000 hours of service (whichever occurs first).

Any period of 16 days or more will be considered a full month of life. Any period of 15 days or less will be deducted from the tube life.

2. Tube life under this warranty is the elapsed time in months from the time when the tube is first placed in service until failure. A tube may be held continuously as a spare for a maximum of six months, after which the life will automatically begin. Once a tube has been installed in regular service, the life will be considered continuous even though the tube may be removed and used as a spare.

3. No adjustment will be made after one year or 3000 hours of service, whichever occurs first.

4. This warranty expires 18 months from the date of the original sale to the ultimate user.

H-24 WARRANTY

1. The tube is warranted against defects in workmanship and materials when used within published ratings. The foregoing is in lieu of any other warranty express, implied or statutory. If such defects appear within two years after the tube is placed in service and "Adjustment Procedure" has been followed, proportional credit, based on the selling price of the tube at the time adjustment is made, will be given for the difference between the elapsed time in months at failure and two years as follows:

a. Full credit at or before 15 days of elapsed service.

b. Subsequent to 15 days of elapsed service, partial credit will be based on the difference between the elapsed life in months at failure and two years.

Any period of 16 days or more will be considered a full month of life. Any period of 15 days or less will be deducted from the tube life.

2. Tube life under this warranty is the elapsed time in months from the time a tube is first placed in service until failure. A tube may be held continuously as a spare for a maximum of one year. Once a tube has been installed in regular service the life will be considered as continuous, even though the tube may be removed and used as a spare.

3. No adjustment will be made after two years of service.

4. This warranty expires 36 months from the date of the original sale to the ultimate user.

H-36 WARRANTY

1. The tube is warranted against defects in workmanship and materials when used within published ratings. The foregoing is in lieu of any other warranty express, implied, or statutory. If such defects appear within three years after the tube is placed in service and "Adjustment Procedure" has been followed, proportional credit, based on the selling price of the tube at the time adjustment is made, will be given for the difference between the elapsed time in months at failure and three years as follows:

a. Full credit at or before 15 days of elapsed service.

b. Subsequent to 15 days of elapsed service, partial credit will be based on the difference between the elapsed life in months at failure and three years.

Any period of 16 days or more will be considered a full month of life. Any period of 15 days or less will be deducted from the tube life.

2. Tube life under this warranty is the elapsed time in months from the time a tube is first placed in service until failure. A tube may be held continuously as a spare for a maximum of one year. Once a tube has been installed in regular service, the life will be considered as continuous, even though the tube may be removed and used as a spare.

3. No adjustment will be made after three years of service.

4. This warranty expires 48 months from the date of the original sale to the ultimate user.

ADJUSTMENTS FOR LOSS OR DAMAGE IN TRANSIT

To assure satisfactory operation, each tube should be tested immediately upon receipt by the customer, preferably in equip-

ment of the same type and rating as that in which it is to be used. If a tube fails to operate successfully, filing of a claim against the carrier should be given immediate attention. Such a procedure will assure that tubes damaged in transportation are not carried in stock.

Since all industrial and transmitting tubes are shipped F.O.B. Point of Shipment, any loss or damage in transit must be adjusted between the carrier and the buyer. In cases of concealed loss or damage, carriers generally require (1) notification within fifteen days after delivery and (2) a joint inspection of packages and contents.

ADJUSTMENT PROCEDURE

A. GENERAL

1. Before any action can be taken on an adjustment, a service report must be filled out in complete detail for each tube involved and forwarded to the proper location as follows:

a. Service reports for Industrial and Transmitting tubes should be mailed to:

General Electric Company
Commercial Service Section
Tube Department, Building 267
Schenectady 5, New York

b. Service reports for Cathode-ray tubes should be mailed to:

General Electric Company
Building 6
Electronics Park
Syracuse, New York

2. When tubes are returned for adjustment they should be identified by some permanent marking such as a securely tied tag, which will enable them to be identified with their respective service reports.

3. We will accept transportation charges on all tubes, but will require the customer to reimburse us for inbound transportation on tubes found not subject to in-warranty adjustment. Serviceable tubes, not eligible for in-warranty adjustment, will be returned immediately, transportation collect to the customer.

4. Returned tubes which are defective and not eligible for in-warranty adjustment will be destroyed unless instructions to the contrary are received with the tubes.

5. Repairs required by reason of causes beyond the responsibility of the General Electric Company will be made and billing rendered to cover the cost of such repairs.

6. All tubes returned for examination and adjustments should be packed as carefully as when originally received since damage sustained in return shipment will make a proper examination and adjustment impossible.

7. We can accept no billing for packing, inspection or labor charges in connection with tubes returned for adjustment.

B. USERS

1. Users may return defective tubes to any franchised General Electric distributor of industrial and transmitting tubes for handling as described above.

2. Service report form, obtainable from any franchised General Electric distributor of industrial and transmitting tubes, must be completely filled out by the user and returned with the tube in order to obtain adjustment consideration.

PERMISSION FOR DISMANTLING

In returning a tube for test and examination, the customer gives permission to the General Electric Company to open the tube and to dissect its structure in case such procedure is considered necessary for complete examination.

THESE ADJUSTMENT POLICIES ARE SUBJECT TO CHANGE WITHOUT NOTICE

TUBE DEPARTMENT
GENERAL ELECTRIC COMPANY
SCHENECTADY 5, N. Y.

INTERCHANGEABILITY CHART

The tubes listed below under "other types" are arranged in numerical order and the G-E equivalent types, which are completely interchangeable, are shown in the adjacent column. Where types of other manufacturers are omitted, there are, to our knowl-

edge, no G-E types completely interchangeable. For information on types not included in this listing, consult your nearest G-E dealer, distributor, or write to the Electronics Division, General Electric Company, Schenectady 5, N. Y.

Other Types	G-E Equivalent Type No.	Other Types	G-E Equivalent Type No.	Other Types	G-E Equivalent Type No.
CE-1**	PJ-22	F-357-A	GL-857-B	889-A	GL-889-A
CE1†	GL-868/PJ-23	358-A	GL-858	889R	GL-889R-A
CE-11V	GL-917	361-A	GL-835	889R-A	GL-889R-A
CE-20	GL-827	376-A	GL-276-A	891	GL-891
CE-21	GL-920	WL-33	GL-5720/FG-33	891R	GL-891R
CE-31V	GL-919	WL-41	GL-5830/FG-41	892	GL-892
CE-306	GL-5545	WL-414	GL-414	892R	GL-892R
EL-C3J	GL-5632	WL-469	FP-285	893	GL-893-A
EL-C6J	GL-5545	WL-473	GL-473	893-A	GL-893-A
EL-5685	GL-5545	WL-469	FP-285	893-A-R	GL-893-A-R
NL-710	GL-5632	WL-473	GL-473	895	GL-895
NL-715/5557	GL-5557/FG-17	WL-502-A	GL-502-A	895R	GL-895R
RK-25	GL-802	WL-616	GL-5625/KC-4	WL-896	GL-5620/FB-50
RK-25B	GL-802	WL-672-A	GL-672-A	898	GL-898-A
RK-28A	GL-803	WL-678	GL-678	898-A	GL-898-A
RK-30	GL-800	575-A	GL-575-A	905	GL-805
RK-31	GL-830-B	WT-606	GL-2D21	930-B	GL-830-B
RK-36	GL-806	WL-734	PJ-22	938	GL-838
RK-39	GL-807	WL-735	GL-868/PJ-23	942	GL-842
RK-44	GL-837	800	GL-800	945	GL-845
RK-47	GL-814	801	GL-801-A	949	GL-849
RK-57	GL-805	802	GL-802	951	GL-851
RK-58	GL-838	803	GL-803	966	GL-866-A
RK-60	GL-1641	805	GL-805	966-A	GL-866-A
HF-60	GL-8005	806	GL-806	967	GL-5557/FG-17
T-155	GL-806	807	GL-807	972	GL-872-A
HF-130	GL-835	809	GL-809	972-A	GL-872-A
HF-130	FP-285	810	GL-810	975-A	GL-575-A
203-A	GL-203-A	811-A	GL-811-A	1613	GL-1613
204-A	GL-204-A	812-A	GL-812-A	1614	GL-1614
207	GL-207	813	GL-813	1616	GL-1616
211	GL-211	814	GL-814	1619	GL-1619
211C	GL-835	815	GL-815	1623	GL-1623
211C	FP-285	816	GL-816	1624	GL-1624
211D	FP-285	826	GL-826	1625	GL-1625
217C	GL-217C	828	GL-828	1701	GL-5557/PG-17
242A	GL-242C	829-B	GL-829-B	WL-5550/681	GL-5550/GL-415
242B	GL-242C	833-A	GL-833-A	WL-5551/652	GL-5551/FG-271
242C	GL-242C	835	GL-835	WL-5552/651	GL-5552/FG-235-A
250T	GL-806	836	GL-836	WL-5553/655	GL-5553/FG-258-A
250-TL	GL-806	837	GL-837	WL-5554/679	GL-5554/FG-259-B
261A	GL-835	838	GL-838	WL-5555/653-B	GL-5555/FG-238-B
266B	GL-266-B	842	GL-842	5556	GL-5556/PJ-8
276-A	GL-276-A	843	GL-843	WL-5557/17	GL-5557/FG-17
295-A	GL-203-A	845	GL-845	WL-5558/32	GL-5558/FG-32
303-A	GL-203-A	849	GL-849	WL-5559/57	GL-5559/FG-57
304-A	GL-204-A	851	GL-851	WL-5561/104	GL-5561/FG-104
F-307-A	GL-207	857-B	GL-857-B	WL-5685	GL-5545
KU-627	GL-627	858	GL-858	5691	GL-5691
311	GL-211	862	GL-862-A	5692	GL-5692
311CT	GL-835	866	GL-866-A	5693	GL-5693
311CT	FP-285	866-A	GL-866-A	8002	GL-8002
311T	GL-211	866-A/866	GL-866-A	8002-R	GL-8002-R
VR-105	GL-0C3	868	GL-868/PS-23	8005	GL-8005
VR-150	GL-0D3	869-B	GL-869-B	8008	GL-8008
WE-319-A	GL-872-A	870-A	GL-870-A	8009	GL-8009
WE-322-A	GL-803	872	GL-872-A	8012-A	GL-8012-A
331-A	GL-805	872-A	GL-872-A	8013-A	GL-8013-A
342-B	GL-242-C	872-A/872	GL-872-A	8020	GL-8020
342C	GL-242-C	880	GL-880		
F-353-A	GL-872-A	889	GL-889-A		

**Vacuum-type phototube

†Glass-type phototube



INDUSTRIAL AND TRANSMITTING TYPES

SUGGESTED USER PRICES EFFECTIVE APRIL 1, 1952

ETX-10-1H

Type	Sug. User Price	Type	Sug. User Price	Type	Sug. User Price	Type	Sug. User Price	Type	Sug. User Price
GL-0A2	\$2.90	GL-5UP1	\$17.75	FP-285	\$22.00	GL-892-R	\$385.00	GL-5621/B-6	\$13.50
GL-0A3/VR-75	2.65	B-6 See GL-5621		GL-393-A	13.25	GL-893-A	700.00	GL-5622/B-25	12.50
GL-0B2	3.20	FA-6 See GL-5627		FP-400	27.00	GL-893A-R	1250.00	GL-5623/B-47	13.50
GL-0B3/VR-90	1.20	PJ-7 See GL-5742		FJ-401 See GL-1P29		GL-895	950.00	GL-5624/B-46	13.50
GL-0C3/VR-105	2.65	GL-7BP7-A	48.50	FJ-405 Use GL-935		GL-895-R	1300.00	GL-5625/KC-4	250.00
GL-0D3/VR-150	2.65	GL-7C29	130.00	GL-411	250.00	GL-898-A	1450.00	GL-5626/FA-15	22.50
KC-1	350.00	GL-7D21	320.00	GL-414	135.00	GL-914-A	93.50	GL-5627/FA-6	27.00
GL-1B35	18.00	PJ-8 See GL-5556		GL-415 See GL-5550		GL-917	3.50	GL-5628/FA-13	26.00
GL-1B37	21.00	GL-8D21	1300.00	GL-441	4.50	GL-918	3.10	GL-5629/FA-14	21.00
GL-1B38	50.00	GL-9C24	570.00	GL-473	165.00	GL-919	3.50	GL-5630	1000.00
GL-1B44	71.00	12AY7	3.00	GL-502-A	1.85	GL-920	4.15	GL-5632	12.15
GL-1B56	71.00	FA-13 See GL-5628		GL-506	3300.00	GL-921	2.05	GL-5654 ★	4.75
GL-1B63-A	80.00	FA-14 See GL-5629		GL-575-A	21.00	GL-922	1.95	GL-5662	3.20
C1J	8.69	FA-15 See GL-5626		GL-592	30.25	GL-923	2.05	GL-5663	1.90
GL-1L21	14.00	FG-17 See GL-5557		GL-627	22.00	GL-927	2.50	GL-5670 ★	7.00
GL-1L22	29.00	PJ-21 See GL-5743		GL-672-A	35.00	GL-929	1.50	GL-5674	87.50
GL-1L23	29.00	PJ-22	2.50	GL-673	21.00	GL-930	1.65	GL-5680	214.00
GL-1L24	49.50	PJ-23 See GL-868		GL-678	47.00	GL-931-A	8.60	GL-5686 ★	5.25
GL-1L25	15.75	B-25 See GL-5622		GL-800	11.50	GL-935	7.80	GL-5691	7.75
GL-1L31	15.75	FG-27-A	26.00	GL-801-A	4.85	GL-954	5.65	GL-5692	7.75
GL-1L32	14.00	FG-32 See GL-5558		GL-802	4.75	GL-955	3.60	GL-5693	6.40
GL-1L33	34.00	FG-33 See GL-5720		GL-803	24.25	GL-956	7.00	GL-5720/FG-33	23.00
GL-1L36	14.00	GL-35T	10.50	GL-805	13.50	GL-957	3.75	GL-5725 ★	5.50
GL-1L38	25.00	FG-41 See GL-5830		GL-806	34.25	GL-959	6.25	GL-5726 ★	2.25
GL-1P21	50.00	B-46 See GL-5624		GL-807	2.50	GL-1000T	137.50	GL-5727 ★	3.50
GL-1P29/FJ-401	2.95	B-47 See GL-5623		GL-809	4.00	GL-1612	2.70	GL-5728/FG-67	26.00
GL-1P37	2.85	FB-50 See GL-5620		GL-810	16.25	GL-1613	2.45	GL-5739/FP-62	49.50
GL-1P39	1.75	FP-54 See GL-5740		GL-811-A	5.00	GL-1614	2.00	GL-5740/FP-54	75.00
GL-1P40	1.95	FG-57 See GL-5559		GL-812-A	5.00	GL-1616	8.65	GL-5741/FP-85-A	85.00
GL-1Q26	85.00	FP-62 See GL-5739		GL-813	18.00	GL-1619	2.50	GL-5742/PJ-7	14.50
GL-2AP1-A	10.55	FG-67 See GL-5728		GL-814	14.25	GL-1620	6.25	GL-5743/PJ-21	14.00
GL-2B22	21.00	VR-75 See GL-0A3		GL-815	8.20	GL-1621	1.95	GL-5749 ★	2.75
GL-2B23	23.50	FG-81-A	18.00	GL-816	1.65	GL-1622	2.50	GL-5750 ★	3.25
GL-2BP1	9.60	FP-85-A See GL-5741		GL-826	12.50	GL-1623	4.05	GL-5751 ★	3.75
GL-2C39-A	34.00	VR-90 See GL-0B3		GL-828	13.75	GL-1624	4.00	GL-5763	1.75
GL-2C40	24.00	FG-95 See GL-5560		GL-829-B	16.25	GL-1625	2.65	GL-5779	80.00
GL-2C42	21.50	FG-97	25.00	GL-830-B	11.50	GL-1629	1.40	GL-5814 ★	3.75
GL-2C43	21.50	FG-98-A	27.00	GL-832-A	12.90	GL-1633	1.95	GL-5820	1200.00
GL-2C46	22.00	GL-100TH	18.25	GL-833-A	49.50	Z-1815 See GL-5822		GL-5822	143.00
GL-2D21	2.00	FG-104 See GL-5561		GL-835	19.50	GL-1850-A	540.00	GL-5824	3.35
GL-2E24	4.65	FG-105	49.50	GL-836	9.00	GL-2050	1.85	GL-5826	1300.00
GL-2E26	3.85	VR-105 See GL-0C3		GL-837	5.80	GL-5513	275.00	GL-5830/FG-41	200.00
GL-2E30	2.45	GL-146	27.00	GL-838	13.75	GL-5516	7.95	GL-5844	2.65
GL-2H21	100.00	VR-150 See GL-0D3		GL-842	4.05	GL-5518	525.00	GL-5855	77.00
2X2-A	4.35	GL-152	30.00	GL-843	2.60	GL-5544	27.00	GL-5963	1.40
KC-3	350.00	FG-154	47.50	GL-845	13.75	GL-5545	35.00	GL-5973	310.00
GL-3AP1-A	14.25	GL-159	160.00	GL-849	138.00	GL-5549	370.00	GL-6005 ★	5.25
GL-3B24W	11.75	FG-166	160.00	GL-851	340.00	GL-5550/GL-415	50.00	GL-6011	12.15
GL-3BP1-A	16.50	GL-169	135.00	GL-857-B	230.00	GL-5551/FG-271	80.50	GL-6019	620.00
GL-3C23	12.50	FG-172	74.00	GL-862-A	1450.00	GL-5552/FG-235-A	121.00	GL-6039	620.00
GL-3KP1	14.50	GL-203-A	13.75	GL-866-A	2.10	GL-5553/FG-258-A	265.00	GL-6044	43.00
GL-3MP1	14.75	GL-204-A	130.00	GL-868/PJ-23	2.50	GL-5554/FG-259-B	190.00	GL-8000	14.50
KC-4 See GL-5625		GL-207	242.00	GL-869-B	150.00	GL-5555/FG-238-B	370.00	GL-8002	160.00
GL-4C21	15.75	GL-211	13.75	GL-870-A	1475.00	GL-5556/PJ-8	13.50	GL-8002-R	190.00
GL-4D21/4-125-A	30.25	GL-217-C	21.17	GL-872-A/872	8.20	GL-5557/FG-17	8.50	GL-8005	8.40
GL-4X150-A	48.00	GL-218	225.00	GL-874	3.10	GL-5558/FG-32	15.50	GL-8008	8.20
4-125-A See GL-4D21		FG-235A See GL-5552		GL-880	540.00	GL-5559/FG-57	22.00	GL-8013-A	10.30
GL-4-250-A/5D22	41.25	FG-238B See GL-5555		GL-884	1.85	GL-5560/FG-95	28.00	GL-8020	24.00
GL-5BP1-A	22.50	GL-242-C	15.50	GL-885	2.00	GL-5561/FG-104	40.00	GL-8025-A	11.30
GL-5C24	45.00	FG-258A See GL-5553		GL-889-A	210.00	GL-5581	2.25	GL-9001	3.40
GL-5CP1-A	23.25	FG-259B See GL-5554		GL-889R-A	295.00	GL-5588	120.00	GL-9002	2.50
GL-5CP7-A	27.25	FP-265	40.00	GL-891	237.00	GL-5593	87.50	GL-9003	3.40
5D22 See GL-4-250-A		GL-266-B	230.00	GL-891-R	385.00	GL-5610	2.32		
GL-5FP14	33.00	FG-271 See GL-5551		GL-892	237.00	GL-5620/FB-50	14.50		
5R4-GY	2.20	FG-280	62.00						

RADIATOR TYPE FORCED AIR-COOLED TUBES

Type	RENEWAL PRICE†	Allowed Credit for Prepaid Return of Wooden Ship- ping Container in Good Condition	Type	RENEWAL PRICE†	Allowed Credit for Prepaid Return of Wooden Ship- ping Container in Good Condition
	Suggested User Price			Suggested User Price	
GL-889R-A GL-891-R	\$275.00 365.00	None 10.00	GL-892-R GL-893A-R GL-895-R	\$365.00 1185.00 1235.00	\$10.00 35.00 35.00

GASKETS

FOR USE WITH WATER-COOLED, RADIO TRANSMITTING TUBES

Gasket Cat. No.	Used on Tube Type	Suggested User Price
5182028P1	GL-862-A GL-880 GL-898-A	\$1.18
5182028P2	GL-858 GL-893-A	.96
5182028P3	GL-214 GL-207 GL-891 GL-892	.20
5182028P8 5182028P10 5182028P11	GL-889-A GL-8002 GL-8009	.42 .20 1.18

KON-NEC-TOR MERCURY SWITCHES

Type	Suggested User Price	Type	Suggested User Price
1-1KR0	\$2.60	4-40KR0	\$2.25
1-1KR1	2.85	4-40KR1	2.75
1-2KR0	2.60	7-19KR0	3.25
1-2KR1	2.85	7-19KR1	3.75
1-15KR0	1.40	7-21KR0	2.40
1-15KR1	1.70	7-21KR1	2.90
2-25KR0	1.75	7-24KR0	4.50
2-25KR1	2.00	7-24KR1	5.00
2-33KR0	1.35	Mountings	
2-33KR1	1.50		
2-36KR0	2.00	Number	Suggested User Price
2-36KR1	2.50		
2-52KR0	.25	4838	\$0.03
2-52KR1	.35	4839	.03
4-19KR0	2.75	6601	.06
4-19KR1	3.25	6602	.06
4-21KR0	2.00		
4-21KR1	2.40		
4-24KR0	4.00		
4-24KR1	4.50		

PRICES

All prices apply to tubes under commercial specifications and do not necessarily apply to tubes under certain government specifications, or with government inspection. Prices for such tubes will be furnished upon request. All such requests should give detailed reference to the specification involved and should state whether inspection is required.

SOCKETS

For Transmitting and Industrial Tubes

G. E. Cat. No.	Suggested User Price	G. E. Cat. No.	Suggested User Price
101J300	\$1.50	103J166	\$1.65
101J328	3.72	103J168	1.75
102J299	1.50	103J171	2.05
102J301	5.20	103J173	4.95
102J303	1.35	103J174	8.65
102J304	1.90	103J175	1.12
102J305	2.30	103J516	2.25
102J306	3.00	103J522	9.90
103J58	2.16	103J523	7.20
103J162	1.70	104J50	3.90
103J163	1.70	104J51	3.95
103J164	1.60	104J52	4.05
103J165	1.65		

WARRANTY AND ADJUSTMENT POLICY

For complete warranty policy refer to our bulletin ETX-10E.

Tubes should be returned to the General Electric Tube Distributor from whom the tube was purchased. A Service Report showing the nature of the failure, the hours of useful service, and the type and rating of equipment in which the tube was used, should accompany the return.

PERMISSION FOR DISMANTLING

In returning a tube for test and examination, the customer gives permission to the General Electric Company to open the tube and to dissect its structure in case such procedure is considered necessary for complete examination.

LICENSE CONDITIONS

The following license conditions apply to all of the tubes here listed, except phototubes:

The sale of these tubes conveys no license for use in connection with public service communication, or for commercial or professional use for producing photographic motion pictures or sound records for use in co-ordination, synchronism, or timed relation with such photographic, motion pictures, or both, for showing directly or by television.

The following license conditions apply to phototubes:

The sale of these tubes conveys no license, either expressed or implied under patents of the General Electric Company other than those covering the tubes themselves.

EXPLANATORY NOTES

†These prices apply when a new tube is purchased and a radiator in good condition is returned prepaid to General Electric Company, Schenectady, N. Y.

★ "Five Star" types

Tube Department

GENERAL  ELECTRIC

Schenectady 5, N. Y.

ALL PRICES AND DATA SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE

INDUSTRY and COMMUNICATIONS for

Electronic
TUBES



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ARE AT WORK TODAY IN**

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