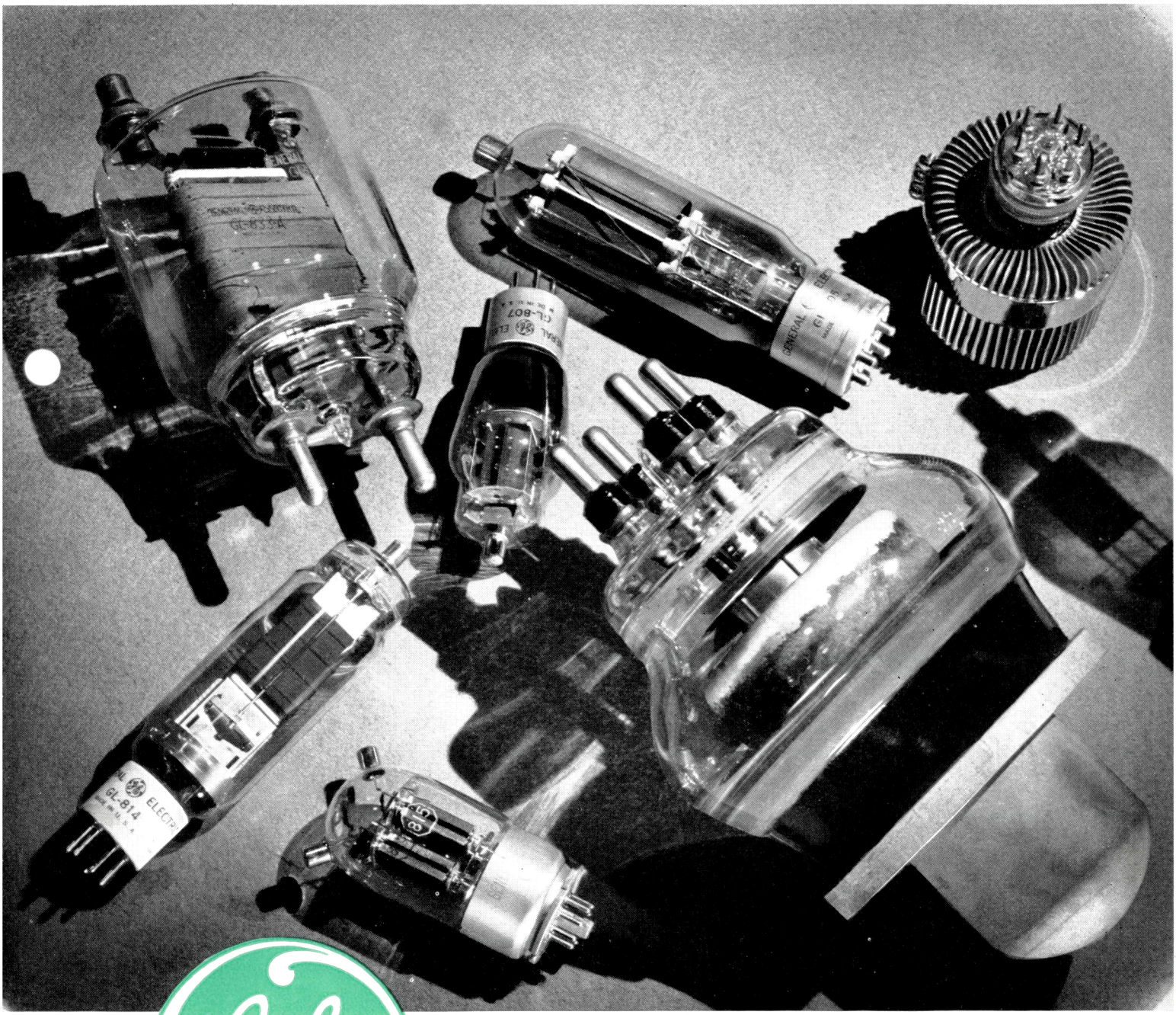
GEA-3315C



Radio Transmitting Tubes

RADIO TRANSMITTING TUBES

HIGH-VACUUM, AIR-COOLED TYPES

Type No.	No. of Electrodes	CATHODE		PLATE				MAX. FREQ. MC.		Mu	g_m	Bulletin No.
		Volts	Amp	Max. Volts	Max. Amp	Max. Input, Watts	Max. Dissipation, Watts	@Max. Plate Input	@50% Max. Plate Input			
GL-146	3	10	3.25	1500	200	300	125	15	60	78	.....	GET-952
GL-152	3	10	3.25	1500	0.200	300	125	15	60	25	.....	GET-607
GL-159	3	10	9.60	2000	0.400	800	250	15	35	20	.....	GET-739
GL-169	3	10	9.60	2000	0.400	800	250	15	35	85	.....	GET-740
GL-203A	3	10	3.25	1250	0.175	220	100	15	80	25	.....	GET-501
GL-204A	3	11	3.85	2500	0.275	690	250	3	30	23	.....	GET-502
GL-211	3	10	3.25	1250	0.175	220	100	15	80	12	.....	GET-503
GL-217C	2	10	3.25	7500	0.600	.....	.....	1.6	10	.....	.....	GET-762
GL-242C	3	10	3.25	1250	0.150	188	100	6	30	12.5	.....	GET-956
GL-276A	3	10	3.0	1250	0.125	156	100	20	100	12	.....	GET-955
GL-800	3	7.5	3.25	1250	0.080	100	35	60	120	15	.....	GET-753
GL-801	3	7.5	1.25	600	0.070	42	20	60	120	8	.....	GET-761
GL-802	5	6.3*	0.90	500	0.060	25	10	30	110	.....	2250	GET-760
				600	**0.060**	**33**	**13**					
GL-803	5	10	5.00	2000	0.175	350	125	20	70	.....	4000	GET-759
GL-805	3	10	3.25	1500	0.210	315	125	30	80	.....	.....	GET-921
GL-806	3	5	10.0	3000	0.200	600	150	30	100	12.6	.....	GET-757
				3300	**0.300**	**1000**	**225**					
GL-807	4	6.3*	0.90	600	0.100	60	25	60	125	.....	6000	GET-756
				750	**0.100**	**75**	**30**					
GL-809	3	6.3	2.50	750	0.100	75	25	60	120	50	.....	GET-758
				1000	**0.100**	**100**	**30**					
GL-810	3	10.0	4.50	2000	0.250	500	125	30	100	36	.....	GET-755
				2250	**0.275**	**620**	**150**					
GL-811	3	6.3	4.00	1250	0.125	155	40	60	115	160	.....	GET-754
				1500	**0.150**	**255**	**55**					
GL-812	3	6.3	4.00	1250	0.125	155	40	60	100	29	.....	GET-752
				1500	**0.150**	**225**	**55**					
GL-813	4	10.0	5.00	2000	0.180	360	100	30	120	.....	3750	GET-747
GL-814	4	10.0	3.25	1250	0.150	180	50	30	100	.....	3300	GET-950
				1500	**0.150**	**225**	**65**					
GL-815	3	6.3	0.8	400	0.150	60	20	150	225@	6.5	4000	GET-971
				500	**0.150**	**75**	**25**		70%			
GL-829	4**	6.3**	1.125**	500	0.240	120	40	200	250@ 89%	.....	8500	GET-965
GL-833A	3	10.0	10.0	3000	0.500	1250	300	30	75@72%	35	.....	GET-963
GL-834	3	7.5	3.25	1250	0.100	125	50	100	350	10.5	.....	GET-954
GL-835	3	10.0	3.25	1250	0.175	220	100	20	100	12	.....	GET-951
GL-836	2	2.5	5.0	5000	1.0	.....	.....	.....	.....	.....	.....	GET-972
GL-837	5	12.6*	0.70	500	0.080	32	12	20	80	.....	3400	GET-750
GL-838	3	10.0	3.25	1250	0.175	220	100	30	120	.....	.....	GET-920
GL-843	3	2.5*	2.50	450	0.040		15	6	30	7.7	.....	GET-751
GL-845	3	10.0	3.25	1250	0.175	.....	75	....	....	5	.....	GET-505
GL-849	3	11.0	5.00	2500	0.350	875	400	3	30	19	.....	GET-489
GL-851	3	11.0	15.50	2500	1.00	2500	750	3	15	20.5	.....	GET-504
GL-860	4	10.0	3.25	3000	0.150	300	100	30	120	.....	1100	GET-500
GL-861	4	11.0	10.0	3500	0.350	1200	400	20	60	300	2100	GET-506
GL-865	4	7.5	2.0	750	0.060	45	15	15	70	.....	750	GET-749
GL-1613	5	6.3*	0.70	350	0.050	17.5	10	45	150	.....	2500	GET-768
GL-1614	4	6.3*	0.90	375	0.110	35	21	80	150	.....	6050	GET-769
GL-1616	2	2.5	5.0	5500	0.8	.....	.....	.....	.....	.....	.....	GET-976
GL-1619	4	2.5	2.0	400	0.075	30	15	45	150	.....	4500	GET-904
GL-1623	3	6.3	2.5	750	0.100	75	25	60	115	20	.....	GET-748
				1000	**0.100**	**100**	**30**					
GL-1628	3	3.5	3.25	1000	0.060	50	40	500	675@ 83%	23	.....	GET-977

* Heater-type Cathode. **Per section.
Figures in **bold type** represent ICAS ratings.

HIGH-VACUUM, FORCED-AIR-COOLED TYPES

Type No.	No. of Electrodes	CATHODE		PLATE		Max Plate Input, Watts	Max Plate Dissipation, Watts	MAX FREQ. MC		Mu	Bulletin No.
		Volts	Amp	Max Volts	Max Amp			@Max Plate Input	@50% Max Plate Input		
GL-833A	3	10	10	4000 4000	0.500 0.500	1800 2000	400 450	20	75mc@ 65%	35	GET-963
GL-889R	3	11	125	8500	2.00	16000	5000	25		21	GET-958
GL-891R	3	11[x]	60.0	10000	2.00	15000	4000	1.6	10	8	GET-914
GL-892R	3	11[x]	60.0	12500	2.00	18000	4000	1.6	10	50	GET-915
GL-893R	3	10[x]	61.0[y]	20000	4.00	70000	20000	5	25	36	GET-959
GL-8002R	3	16	39.0	3500	1.00	3000	1200	120	200	20.5	GET-961

HIGH-VACUUM, WATER-COOLED TYPES

GL-207	3	22	52.0	15000	2.00	30000	10000	1.6	20	20	GET-763
GL-846	3	11	51.0	7500	1.00	7500	2500	50	150	40	GET-603
GL-858	3	22	52.0	20000	2.00	40000	20000	1.6	40	42	GET-764
GL-862	3	33	207.0	20000	10.00	200000	100000	1.6	....	48	GET-919
GL-880	3	12.6	320.0	10500	3.6	60000	20000	25	120	20	GET-918
GL-889	3	11	125	8500	2.00	16000	5000	50	150	21	GET-765
GL-891	3	11[x]	60.0	12000	2.00	18000	6000	1.6	20	8	GET-913
GL-892	3	11[x]	60.0	15000	2.00	30000	10000	1.6	20	50	GET-916
GL-893	3	10[y]	61.0[y]	20000	4.00	70000	20000	5	40	36	GET-766
GL-898	3	16.5[z]	70.0[z]	20000	10.00	200000	100000	1.6	....	45	GET-767
GL-8002	3	16	39	3500	1.00	3000	1200	150	300	20.5	GET-960
GL-8009	3	12.6	320	10500	6.00	60000	20000	25	100	20	

[x] Single or two phase filament
Voltage is per unit

[y] Single, three, or six phase filament
Voltage is per strand
Current is per strand

[z] Single or three phase filament
Voltage is per strand
Current is per strand

MERCURY-VAPOR RECTIFIERS

Type No.	No. of Electrodes	CATHODE		Max Peak Inverse Volts	Avg Plate Amp	Bulletin No.
		Volts	Amp			
GL-266B	2	5	30	22000	5.0 10.0§	GET-745
GL-857B	2	5	30	22000	5.0 10.0§	GET-745
GL-866A/866	2	2.5	5	10000	0.25	GET-966
GL-869B	2	5	18.0	20000 15000§	2.5 5.0§	GET-964
GL-872	2	5	10.0	7500	1.25	GET-917
GL-872A	2	5	6.75	10000	1.25	GET-745

§ Quadrature operation.

GASKETS FOR WATER-COOLED TYPES

Cat. No.	Used on Tube Type
5182028P1	GL-862 GL-880 GL-898
5182028P2	GL-858 GL-893
5182028P3	GL-214 GL-846 GL-207 GL-891 GL-892
5182028P8	GL-889
5182028P10	GL-8002

FOR MORE THAN A QUARTER-CENTURY

. . . General Electric research scientists have played leading roles in the development of the radio tube. The discovery that electron flow is not only possible in a vacuum but that it can be controlled there better than in a gaseous atmosphere was first announced by General Electric's Dr. Irving Langmuir in 1913. That discovery has made possible most of the radio apparatus that is in use today.

Since that time, G-E engineers have contributed many major advancements in tube design such as:

—thoriated tungsten filaments

—high-power water-cooled tubes

—hot-cathode, mercury-vapor rectifiers

—the screen-grid tube

—metal tubes for receivers and for industrial uses

Today and every day, General Electric tube research goes steadily forward—research to refine and improve manufacturing techniques, to adapt new materials to tube uses, and to develop new designs.

Back of every G-E tube development are the vast resources of the General Electric Research Laboratory—an organization that for nearly four decades has influenced the destiny of the world's largest electrical manufacturing company.

Tubes developed and built by General Electric have for more than a quarter of a century given outstanding performance in all types of applications.

For superior performance—for long life—for satisfaction—specify G-E radio transmitting tubes.

Look to G.E. in Radio, Television, and Frequency Modulation

Frequency-modulation transmitters

Television transmitters

Oscillographs for television

Government radio

Emergency radio for police and public utility service

Receiving tubes

Quartz crystals

Receivers—for standard broadcast, frequency modulation, and television

Supplies—instruments, transformers, relays, transmitting capacitors, mycalex, magnet wire, cable

Radio service equipment

Special applications

Carrier current

GENERAL ELECTRIC

RADIO AND TELEVISION DEPARTMENT
SCHENECTADY, N. Y.

5-42 (35M)
Filing No. 6900

PRICE SCHEDULE

GENERAL ELECTRIC TRANSMITTING TUBES

Effective June 1, 1942

TYPE	PRICE	TYPE	PRICE
GL-146	$18.00	GL-836	$11.50
GL-152	18.00	GL-837	7.50
GL-159	80.00	GL-838	13.25
GL-169	80.00	GL-843	12.50
GL-203A	12.00	GL-845	12.00
GL-204A	85.00	GL-846	260.00
GL-206	260.00	GL-849	120.00
GL-207	275.00	GL-851	195.00
GL-211	12.00	GL-857B	240.00
GL-217C	20.00	GL-858	400.00
GL-218	150.00	GL-860	32.50
GL-219	215.00	GL-861	195.00
GL-242C	12.00	GL-862	1650.00
GL-266B	240.00	GL-865	12.75
GL-276A	15.00	GL-866A/866	1.50
GL-800	10.00	GL-869B	125.00
GL-801	3.45	GL-870A	1150.00
GL-802	3.50	GL-872	9.00
GL-803	28.50	GL-872A	11.00
GL-805	15.00	GL-880	850.00
GL-806	22.00	GL-889	275.00
GL-807	3.50	GL-891	285.00
GL-809	2.50	GL-892	285.00
GL-810	13.50	GL-893	750.00
GL-811	3.50	GL-898	1650.00
GL-812	3.50	GL-1613	2.75
GL-813	22.00	GL-1614	3.50
GL-814	17.50	GL-1616	5.75
GL-815	4.50	GL-1619	4.75
GL-829	19.50	GL-1623	2.50
GL-833A	85.00	GL-1628	32.00
GL-834	12.50	GL-1651	115.00
GL-835	15.00	GL-8002	200.00

PRICE OF TUBE AND RADIATOR		RENEWAL PRICE*	
889R	$425.00	889R	$375.00
891R	410.00	891R	360.00
892R	410.00	892R	360.00
893R	1150.00	893R	950.00
8002R	325.00	8002R	300.00

* These prices apply when new tube is purchased and radiator in good condition is returned prepaid to General Electric Company at Schenectady.

GASKETS FOR WATER-COOLED TYPES	
Cat. No. 5182028P1	$0.98
Cat. No. 5182028P2	.80
Cat. No. 5182028P3	.17
Cat. No. 5182028P8	.35
Cat. No. 5182028P10	.17

5-42 (35M)
Filing No. 6900

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