

KENTYON



Quality

TRANSFORMERS

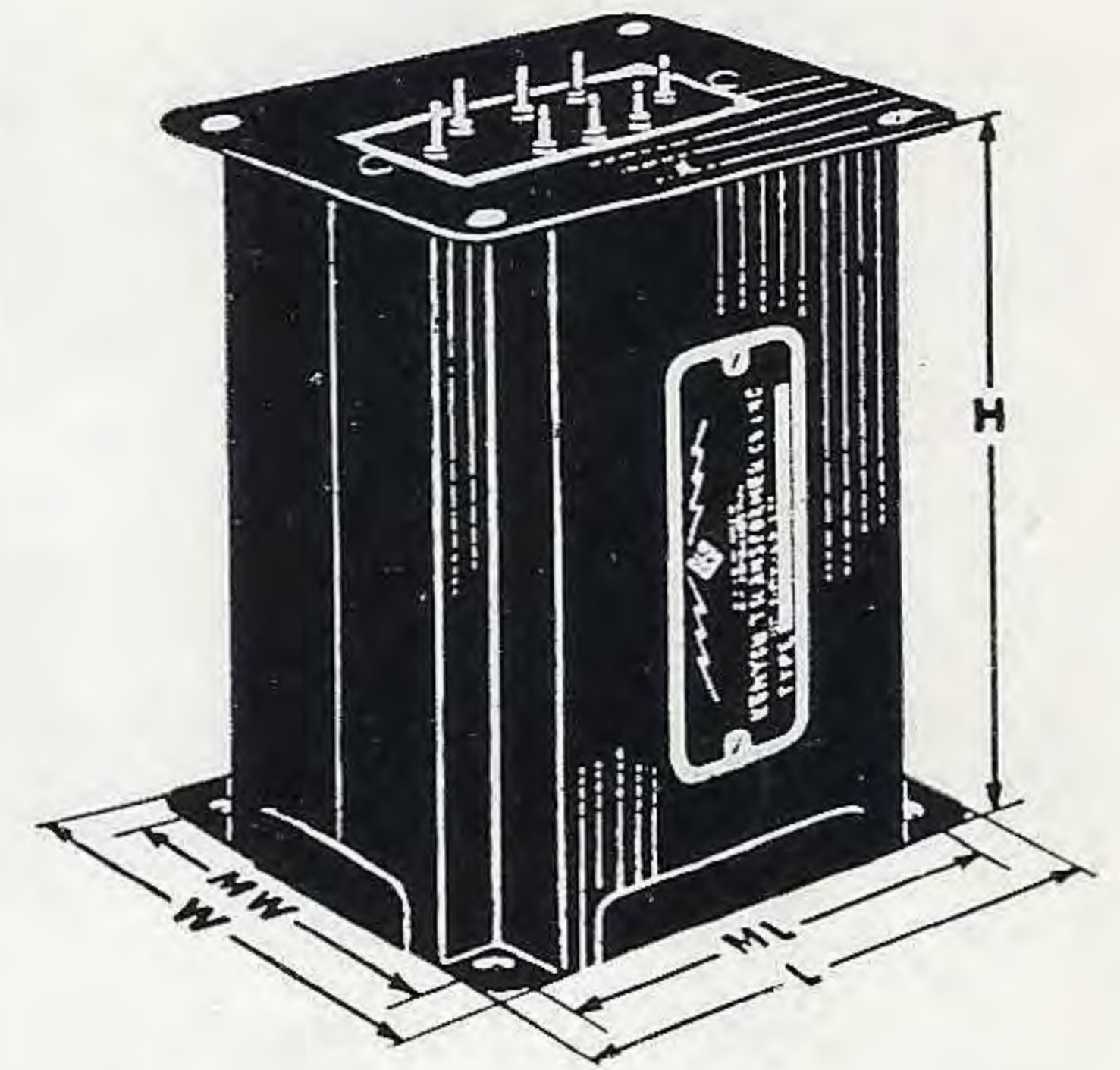
1945 EDITION



KENYON "T" LINE TRANSFORMERS

DIMENSIONS OF "T" LINE TRANSFORMERS

MOUNTING DIMENSIONS			OVERALL DIMENSIONS		
Case No.	ML	MW	Length (L)	Width (W)	Height (H)
1A.....	2 ¹ / ₃₂	1 ⁹ / ₁₆	2 ⁷ / ₁₆	2	2 ⁷ / ₈
2A.....	2 ¹ / ₈	1 ¹³ / ₁₆	2 ³ / ₄	2 ³ / ₈	3 ³ / ₁₆
3A.....	2 ⁷ / ₁₆	1 ¹⁵ / ₁₆	3 ¹ / ₁₆	2 ⁹ / ₁₆	3 ⁵ / ₈
4A.....	3 ⁷ / ₈	2 ⁷ / ₁₆	4 ¹ / ₂	3	3 ⁷ / ₈
5A.....	4 ⁵ / ₁₆	3 ³ / ₁₆	5	3 ⁷ / ₈	5
5 ¹ / ₂ A.....	4 ⁵ / ₁₆	3 ²⁷ / ₃₂	5	4 ¹ / ₂	5
6A.....	4 ⁵ / ₁₆	4 ¹ / ₂	5	5 ¹ / ₈	5
7A.....	5 ¹ / ₂	4 ⁵ / ₁₆	6 ⁵ / ₁₆	5 ³ / ₁₆	6 ³ / ₈
8A.....	5 ³ / ₄	4 ¹³ / ₁₆	6 ⁹ / ₁₆	5 ¹¹ / ₁₆	7 ¹ / ₈
9A.....	6 ¹⁵ / ₁₆	5 ³ / ₄	7 ³ / ₄	6 ⁵ / ₈	7 ³ / ₁₆
10A.....	8 ⁵ / ₈	7 ¹¹ / ₃₂	9 ¹ / ₂	8 ¹ / ₄	10 ⁵ / ₈



LOW IMPEDANCE SOURCE TO GRID TRANSFORMERS

Type No.	From	Primary Ohms	Secondary Ohms	Case No.	Weight	List Price
T-1 (Hum bucking type)	S.B. or D.B. Mic.	400-300-200-100-50	80,000 Single Grid	1A	1 lb. 1 oz.	\$5.50
T-2 (Hum bucking type)	Any line	500-333-250-200-125-50	80,000 Single Grid	1A	1 lb. 1 oz.	5.50
T-3 (Hum bucking type)	Any line	500-333-250-200-125-50	80,000 P.P. Grids	1A	1 lb. 1 oz.	5.50
T-6 (See Bottom Page 9)	Any line	500-333-250-200-125-50	20,000 Single Grid	1A	1 lb.	9.75

LINE-TRANSFORMERS—LINE TO LINE AND LINE TO VOICE COIL

Type No.	Primary Ohms	Secondary Ohms	Maximum Level	Case No.	Weight	List Price
T-25	500-200-50	500-200-50	+ 24 D.B.	2A	1 lb. 14 ozs.	\$5.50
T-26 (Hum bucking type)	500-333-250-200-125-50	500-333-250-200-125-50	+ 24 D.B.	1A	1 lb. 10 ozs.	5.50
T-28	500-200	15-8-4	30 watts	4A	5 lbs. 10 ozs.	7.00

INTERSTAGE AUDIO TRANSFORMERS

Type No.	From	To	Ratio	Case No.	Weight	List Price
T-51	Single 10,000 ohm plate	Single Grid	1:4	1A	1 lb. 4 ozs.	\$4.25
T-52	Single 10,000 ohm plate	P.P. Grids	1:4	1A	1 lb. 4 ozs.	4.25
T-54	P.P. 10,000 ohm plates	P.P. Grids	1:1.8	2A	1 lb. 14 ozs.	5.50
T-55	Single 10,000 ohm plate	Single Grid	1:3	2A	1 lb. 14 ozs.	5.00
T-56	Single 10,000 ohm plate	P.P. Grids	1:2	2A	1 lb. 14 ozs.	5.00
T-57 (Hum bucking type)	Single 10,000 ohm plate	Single Grid	1:2	2A	1 lb. 7 ozs.	5.50
T-58 (Hum bucking type)	Single 10,000 ohm plate	P.P. Grids	1:2	2A	1 lb. 7 ozs.	5.50

DRIVER TRANSFORMERS

Type No.	Primary to match	Class AB or Class B Tubes	Ratio (Pri. to 1/2 Sec.)	Case No.	Weight	List Price
T-251	Single 53, 6A6, 6N7, 56, 6C5	53, 6A6, 6N7	2.3:1	2A	1 lb. 14 ozs.	\$4.25
T-252	Single 30, 49, 89	19, 30's, 49's	1.7:1	1A	13 ozs.	3.75
T-253	Single 46, 59	46's, 59's, 6F6's	2.3:1	2A	1 lb. 14 ozs.	4.50
T-255	P.P. 56, 6C5, 53, 6N7	6L6's	3.2:1	2A	1 lb. 14 ozs.	4.25
T-267	4-2A3's	354E's, 354F's	2.1:1	4A	5 lbs. 10 ozs.	8.75
T-271	P.P. 45's, 2A3's, 6F6's	6L6's, 809's, TZ40's	3.7:1	3A	2 lbs. 13 ozs.	6.00

PREAMPLIFIER OUTPUT TRANSFORMERS

Type No.	From	Secondary Ohms	Case No.	Weight	List Price
T-101	Single 56, 76, 6C5	200-500	1A	1 lb. 4 ozs.	\$4.25
T-102	P.P. 56, 76, 6C5	200-500	1A	1 lb. 4 ozs.	4.25

OUTPUT TRANSFORMERS TO 500-200 OR 15-8-4 ohms

Type No.	From	Primary Ohms	Case No.	Weight	List Price
T-104	Single 2A5, 6F6, 42, 47, 89	7,000	2A	1 lb. 14 ozs.	\$5.00
T-105	Class "A," P.P. 2A5's, 6F6's, 42's, 47's, 89's	14,000	2A	2 lbs.	5.50
T-317	Class "AB" P.P. 6L6's	6,600 or 3,800	4A	5 lbs. 6 ozs.	8.75
T-319	Class "AB2" P.P. 6L6's	6,000 or 3,800	5A	8 lbs. 7 ozs.	10.25
T-301	Class "A," P.P. 6L6's, Class AB 45's, 2A3's	5,000 or 3,000	4A	4 lbs. 5 ozs.	7.50

Purchased by the Discriminating on Sheer Merit

KENYON "T" LINE TRANSFORMERS



KEN-O-DYNE UNIVERSAL OUTPUT TRANSFORMERS

Type No.		Case No.	Weight	List Price	
T-108	15 watts	3A	2 lbs. 13 ozs.	\$7.00	Will match any set of Push-Pull or Push-Pull Parallel—or a single plate to 500-200 or speaker voice-coils. Low impedance connection for speaker voice coils range from .5 to 25 ohms.
T-109	30 watts	4A	5 lbs. 2 ozs.	9.75	
T-110	60 watts	5A	10 lbs. 1 oz.	12.00	

KEN-O-TAP MODULATION TRANSFORMERS

Ken-o-Tap Transformers never grow obsolete! Ideal for amateurs who wish to keep up to date with new tube combinations. Will match any Class B tube or tubes to any Class C load.

Type No.	Audio Output Primary	Class "C" Secondary	Primary Range	Secondary Range	Case No.	Weight	List Price
T-489	15 watts	30 watts	2000-20000	200-20000	3A	2 lbs. 13 ozs.	\$5.50
T-493	40 watts	80 watts	2000-20000	200-20000	4A	5 lbs. 10 ozs.	8.00
T-494	75 watts	150 watts	2000-20000	200-20000	5A	9 lbs.	12.00
T-495	125 watts	250 watts	500-18000	200-19000	7A	19 lbs. 2 ozs.	26.50
T-496	300 watts	600 watts	500-18000	200-19000	8A	26 lbs. 4 ozs.	40.25

PLATE TRANSFORMERS FOR STANDARD AMATEUR DUTY

Type No.	Secondary Voltage	D.C. Volts	D.C.M.A.	Case No.	Weight	List Price
T-668	1000/750-0-750/1000	500/750	300	5½ A	12 lbs. 6 ozs.	\$12.00
T-669	1460/1180-0-1180/1460	1000/1250	300	7 A	19 lbs. 2 ozs.	19.25
T-670	2360/2080/1760-0-1760/2080/2360	1500/1750/2000	300	8 A	31 lbs. 9 ozs.	26.50
T-671	1460/1180-0-1180/1460	1000/1250	500	8 A	31 lbs. 9 ozs.	26.50

PLATE TRANSFORMERS FOR HEAVY AMATEUR DUTY

Type No.	Primary Conn.	SECONDARY No. 1			SECONDARY No. 2			SECONDARY No. 3			Standard— Amateur M.A. DC	Case No.	Weight	List Price
		D.C.	A.C.	M.A. D.C.	D.C.	A.C.	M.A. D.C.	D.C.	A.C.	M.A. D.C.				
T-664		600	740-0-740	150							200	5A	10 lbs. 10 ozs.	\$10.25
T-655	High Low	450 350	575-0-575 460-0-460	250 250							325	5A	10 lbs. 1 oz.	10.75
T-656	High Low	750 600	925-0-925 740-0-740	300 300							400	6A	15 lbs. 9 ozs.	14.75
T-657	High Low	1000 750	1170-0-1170 900-0-900	200 200	1000 750	1170-0-1170 900-0-900	200 200				250	7A	21 lbs. 9 ozs.	31.00
T-658	High Medium Low	500 450 400	650-0-650 585-0-585 520-0-520	175 175 175	560 510 450	710-0-710 640-0-640 570-0-570	175 175 175	560 510 450	710-0-710 640-0-640 570-0-570	175 175 175	All windings 20% higher current	7A	22 lbs. 12 ozs.	28.25
T-654	High Medium Low	470 420 375	610-0-610 550-0-550 490-0-490	250 250 250	625 560 500	785-0-785 710-0-710 630-0-630	250 250 250	625 560 500	785-0-785 710-0-710 630-0-630	250 250 250		8A	32 lbs. 9 ozs.	37.00
T-659	High Medium Low	500 450 400	650-0-650 585-0-585 520-0-520	350 350 350	560 510 450	710-0-710 640-0-640 570-0-570	350 350 350	560 510 450	710-0-710 640-0-640 570-0-570	350 350 350		9A	48 lbs.	40.25
T-665	High Low	1250 1000	1470-0-1470 1180-0-1180	250 250								300	7A	23 lbs. 4 ozs.
T-666	High Low	1250	1460-0-1460	350	500	630-0-630	200				400	8A	32 lbs. 2 ozs.	32.25
T-667		1250	1460-0-1460	500							600	9A	50 lbs.	39.75
T-660		1250	1460-0-1460	500							600-400	9A	49 lbs. 11 ozs.	46.75
T-652		1750 1500	2080-0-2080 1760-0-1760	450 450							550	9A	50 lbs. 8 ozs.	50.75
T-663		2000	2360-0-2360	600							700	10A	82 lbs.	80.25

All power transformers are designed for 115 volt, 50 to 60 cycle operation. For any other voltage 50 to 60 cycle operation add 25% to list prices. For 115 volt 25 cycle operation, add 60% to list prices. For any other voltage 25 cycle operation add 100% to list prices. Case sizes for 25 cycle application are different from those specified for standard 115 volt 50 to 60 cycle operation.

"T" Line Standard Cases Add Eye Appeal



KENYON "T" LINE TRANSFORMERS

FILTER REACTORS

Type No.	Inductance Henries	Max. M.A.	D.C. Resist- ance	Insula- tion Test	Case No.	Weight	List Price
T-155	290	10	4700	1000 V	2A	2 lbs.	\$4.25
T-156	30	25	800	1000 V	1A	1 lb. 4 ozs.	3.25
T-157	20	50	200	1000 V	1A	1 lb. 4 ozs.	2.75
T-153	30	90	350	1000 V	3A	2 lbs. 12 ozs.	4.25
T-154	15	165	210	1000 V	3A	3 lbs. 2 ozs.	4.50
T-151	10	250	100	1000 V	4A	5 lbs. 10 ozs.	7.00
T-152	10	200	100	1000 V	3A	2 lbs. 13 ozs.	5.00
T-164	14	250	135	1500 V	5A	10 lbs. 1 oz.	9.75
T-166	11	300	125	1500 V	5A	10 lbs. 1 oz.	9.75
T-159	12	500	77	1500 V	6A	15 lbs. 9 ozs.	12.00
T-165	10	150	275	3000 V	3A	3 lbs. 2 ozs.	5.00
T-168	13	250	125	3000 V	5A	10 lbs. 10 ozs.	9.75
T-160	11	300	120	3000 V	5A	10 lbs. 1 oz.	10.75
T-167	11	400	80	3000 V	6A	15 lbs. 9 ozs.	12.75
T-175	10	200	140	5000 V	4A	5 lbs. 10 ozs.	7.00
T-176	10	300	110	5000 V	5A	10 lbs. 11 ozs.	9.75
T-178	10	400	90	5000 V	6A	15 lbs. 2 ozs.	13.50
T-177	12	500	95	5000 V	7A	21 lbs. 1 oz.	20.75
T-161	10	600	50	5000 V	7A	21 lbs. 4 ozs.	20.75

SWINGING REACTORS

Type No.	Inductance Henries	Max. M.A.	D.C. Resist- ance	Insula- tion Test	Case No.	Weight	List Price
T-517	15-45	90-20	350	1000 V	3A	2 lbs. 12 ozs.	\$4.25
T-515	10-25	165-30	210	1000 V	3A	3 lbs. 2 ozs.	4.50
T-506	5-20	200-30	100	1000 V	3A	2 lbs. 13 ozs.	5.00
T-501	5-15	250-30	100	1000 V	4A	5 lbs. 10 ozs.	7.00
T-510	6-19	300-30	125	1500 V	5A	10 lbs. 1 oz.	9.75
T-502	6-18	500-50	77	1500 V	6A	15 lbs. 9 ozs.	12.00
T-509	6-19	200-30	140	5000 V	4A	5 lbs. 10 ozs.	7.50
T-512	5-15	300-30	110	5000 V	5A	10 lbs. 1 oz.	9.75
T-513	5-18	400-50	90	5000 V	6A	15 lbs. 2 ozs.	13.50
T-521	6-21	500-60	95	5000 V	7A	21 lbs. 1 oz.	20.25
T-505	5-17	600-60	50	5000 V	7A	21 lbs. 4 ozs.	19.75
T-516	5-20	400-50	80	3000 V	6A	15 lbs. 9 ozs.	12.75

PLATE AND FILAMENT TRANSFORMERS

Type No.	High Voltage— Volts	M.A.	Filament No. 1 Volts Amps	Filament No. 2 Volts Amps	Filament No. 3 Volts Amps	Filament No. 4 Volts Amps	Case No.	Weight	List Price
T-249*	235-0-235	20	6.3C.T. 0.6	6.3C.T. 0.9			2A	2 lbs.	\$5.50
T-245*	320-0-320	40	5 2	6.3C.T. 2			3A	2 lbs. 13 ozs.	6.25
T-205*	350-0-350	75	5 2	6.3C.T. 3			4A	5 lbs. 10 ozs.	8.00
T-222*	250-0-250	50	5 2	6.3C.T. 2			3A	2 lbs. 13 ozs.	6.75
T-206*	325-0-325	100	5 3	6.3C.T. 3	6.3C.T. 2		5A	9 lbs.	\$10.25
T-212	420-0-420	125	5 3	6.3C.T. 3	2.5C.T. 4		5A	9 lbs. 2 ozs.	11.50
T-244*	425-0-425	165	5 3	6.3C.T. 3	6.3C.T. 3		6A	13 lbs. 11 ozs.	13.50
T-248*	425-0-425	165	5 3	2.5C.T. 6	2.5C.T. 6		6A	13 lbs. 11 ozs.	15.00
T-213	520-110-0-520	180	5 3	2.5 3	6.3C.T. 3	6.3C.T. 3	5A	10 lbs. 6 ozs.	13.50
T-215	360-125-0-360	200	5 3	2.5C.T. 3	2.5C.T. 10	6.3C.T. 2.1	5A	10 lbs. 10 ozs.	13.50
T-247	590-0-590	200	5 3	6.3C.T. 3	6.3C.T. 3		5A	10 lbs. 10 ozs.	13.50
T-216	520-85-0-520	250	5 3	2.5C.T. 3	6.3C.T. 3	6.3C.T. 3	6A	15 lbs. 9 ozs.	15.50
T-202*	0-150	20	6.3 0.6				1A	1 lb. 4 ozs.	5.00
T-220*	125-0-125	200	5 3				4A	5 lbs.	7.50
T-246	625-0-625	250	5 3	6.3C.T. 3	6.3C.T. 3		6A	15 lbs. 9 ozs.	16.25
T-223	600-0-600	300	5 6	6.3C.T. 3	6.3C.T. 2		6A	15 lbs. 9 ozs.	14.25
T-221	High voltage secondary 520-390-105-390-520 to deliver 400 V. D.C. at 400 M.A. and 300 V. D.C. at 160 M.A. Filament No. 1 5V-6A Filament No. 2 5V-3A Filament No. 3 2.5V-3A Filament No. 4 6.3V C.T.-4A Filament No. 5 6.3V C.T.-4A						7A	21 lbs. 10 ozs.	31.00

* Indicates unit designed for condenser input. (All other units should be used choke input.)

POWER LINE AUTO TRANSFORMERS

Type No.	Input	Output	Capacity Volt-Amperes	Case No.	Weight	List Price
T-219	88 to 130 volts	115 volts	500	5A	10 lbs. 1 oz.	\$13.50

FILAMENT TRANSFORMERS

Type No.			Case No.	Weight	List Price
T-388	2.5, 5, 6.3 V—3A	1000 V. Test	1A	1 lb. 7 ozs.	\$3.75
T-379	2.5 V.—5 A. CT.	2000 V. Test	1A	1 lb. 6 ozs.	4.00
T-352	2.5 V.—10 A. CT.	2000 V. Test	2A	1 lb. 14 ozs.	4.50
T-360	2.5 V.—10 A. CT.	5000 V. Test	3A	2 lbs. 13 ozs.	6.25
T-389	2.5 V.—10 A. CT.	9000 V. Test	4A	4 lbs. 14 ozs.	9.25
T-354	5 V.—3 A. CT.	2000 V. Test	2A	1 lb. 14 ozs.	4.50
T-357	5.25 V.—12 A. CT.	2000 V. Test	4A	5 lbs. 10 ozs.	7.50
T-358	5.25 V.—20 A. CT.	2000 V. Test	5A	9 lbs. 2 ozs.	8.75
T-380	5, 5.1, 5.25 V.—8 A. CT.	2000 V. Test	4A	4 lbs. 5 ozs.	7.50
T-381	5, 5.1, 5.25 V.—10.5 A. CT.	2000 V. Test	4A	5 lbs.	8.00
T-382	5, 5.1, 5.25 V.—16 A. CT.	2000 V. Test	4A	5 lbs. 10 ozs.	9.00
T-383	5, 5.1, 5.25 V.—21 A. CT.	2000 V. Test	5A	9 lbs. 2 ozs.	10.00

Electrically and Mechanically Fool Proof Lugs

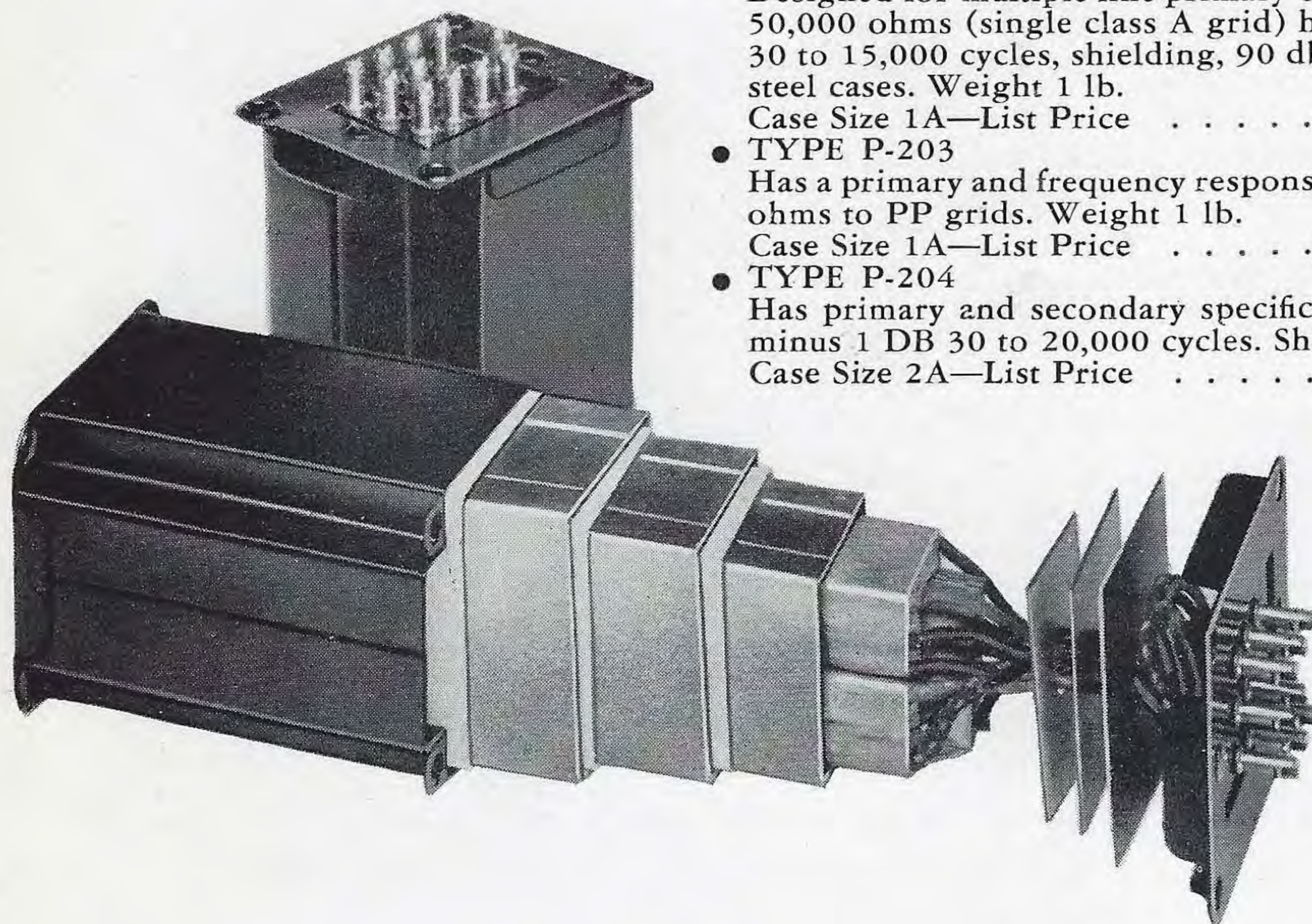


FILAMENT TRANSFORMERS

FILAMENT TRANSFORMERS									
Type No.							Case No.	Weight	List Price
T-390	5 V.-20 A. CT.		10000 V. Test				5½A	11 lbs. 9 ozs.	\$17.25
T-351	6.3 V.-3 A. CT.		2000 V. Test				2A	1 lb. 14 ozs.	4.25
T-378	6.3, 7.5 V.-7 A. CT.		2000 V. Test				3A	2 lbs. 13 ozs.	5.50
T-387	6.3, 6.45, 6.6 V.-8 A. CT.		2000 V. Test				3A	2 lbs. 13 ozs.	5.00
T-392	7.5, 7.7, 7.9 V.-6 A. CT.		2000 V. Test				3A	2 lbs. 13 ozs.	5.25
T-353	7.5 V.-4½ A. CT.		2000 V. Test				2A	2 lbs.	4.50
T-359	7.5 V.-9 A. CT		2000 V. Test				4A	5 lbs.	7.00
T-365	10 V.-4 A. CT		5000 V. Test				3A	2 lbs. 13 ozs.	6.25
T-361	10 V.-8 A. CT.		5000 V. Test				4A	5 lbs. 10 ozs.	8.00
T-384	10, 10.5, 11 V.-5 A. CT.		2000 V. Test				4A	5 lbs.	8.00
T-385	10, 10.5, 11 V.-10 A. CT.		2000 V. Test				5A	8 lbs. 15 ozs.	10.00
TWO WINDINGS									
T-386	6.3 V.-3 A. CT.	2000 V. Test	5 V.-4 A. CT	2000 V. Test			3A	2 lbs. 13 ozs.	\$5.50
T-369	2.5 V.-8 A. CT.	1000 V. Test	6.3 V.-4 A. CT.	1000 V. Test			4A	4 lbs. 11 ozs.	7.00
T-368	6.3 C.-4 A. CT.	2000 V. Test	6.3 V.-4 A. CT.	2000 V. Test			4A	4 lbs. 11 ozs.	7.00
T-366	2.5 V.-10 A. CT.	5000 V. Test	2.5 V.-10 A. CT.	5000 V. Test			4A	5 lbs. 10 ozs.	8.75
THREE WINDINGS									
T-376	6.3 V.-4 A. CT.	2000 V. Test	6.3 V.-4 A. CT.	2000 V. Test	5 V.-3 A.	2000 V. Test	4A	5 lbs. 10 ozs.	\$8.00
T-356	6.3 V.-3 A. CT.	750 V. Test	5 V.-4 A. CT.	3000 V. Test	5 V.-8 A. CT.	3000 V. Test	4A	5 lbs. 9 ozs.	9.75
T-355	5 V.-3 A. CT.	4000 V. Test	5 V.-3 A. CT.	4000 V. Test	5 V.-6 A. CT.	4000 V. Test	4A	5 lbs. 10 ozs.	8.75
T-375	2.5 V.-5 A. CT.	6000 V. Test	2.5 V.-5 A. CT.	6000 V. Test	2.5 V.-10 A. CT.	6000 V. Test	4A	5 lbs. 9 ozs.	10.25
FOUR WINDINGS									
T-367	6.3 V.-5 A. CT. 2000 V. Test	6.3 V.-5 A. CT. 2000 V. Test	5 V.-6 A. CT. 2000 V. Test	5 V.-3 A. CT. 2000 V. Test			5A	10 lbs. 1 oz.	\$10.75
FIVE WINDINGS									
T-377	5 V.-3 A. 2000 V. Test	5 V.-6 A. 2000 V. Test	6.3 V.-1 A. CT. 2000 V. Test	6.3 V.-5 A. CT. 2000 V. Test	6.3 V.-5 A. CT. 2000 V. Test		5A	10 lbs. 1 oz.	\$12.00

TELESCOPIC SHIELDED HUMBUCKING TRANSFORMERS

The core type, humbucking, construction employed in these transformers tends to minimize hum pick-up. In addition, they are mounted in multiple electromagnetic shields of high permeability alloy steel which are annealed after complete construction to remove shearing and bending strains thus assuring maximum permeability upon which depends the efficiency of shielding.



- **TYPE P-202**
Designed for multiple line primary of 500/333/250/200/125/50 ohms and secondary of 50,000 ohms (single class A grid) having a frequency response of plus or minus 2 DB 30 to 15,000 cycles, shielding, 90 db mounted in four high permeability alloy annealed steel cases. Weight 1 lb.
Case Size 1A—List Price \$15.50
- **TYPE P-203**
Has a primary and frequency response the same as type P-202 above. Secondary: 100,000 ohms to PP grids. Weight 1 lb.
Case Size 1A—List Price \$18.75
- **TYPE P-204**
Has primary and secondary specifications same as P-202. Frequency response plus or minus 1 DB 30 to 20,000 cycles. Shielding, 90 DB. Weight 1 lb. 7 ozs.
Case Size 2A—List Price \$22.00
- **TYPE P-205**
Has primary and secondary specifications same as P-203. Frequency response plus or minus 1 DB 30 to 20,000 cycles. Shielding, 90 DB. Weight 1 lb. 7 ozs.
Case Size 2A—List Price \$25.75
- **TYPE T-6**
Designed with a multiple line primary of 500/333/250/200/125/50 ohms and secondary of 20,000 ohms (single class A grid) Frequency response plus or minus 3 db 60 to 10,000 cycles. Shielding, 50 db. Mounted in 2 high permeability annealed alloy steel cases and plain steel outer case. These units are designed for use in low level input circuits where hum-pick-up must be kept to absolute minimum. Weight 1 lb.
Case Size 1A—List Price \$9.75



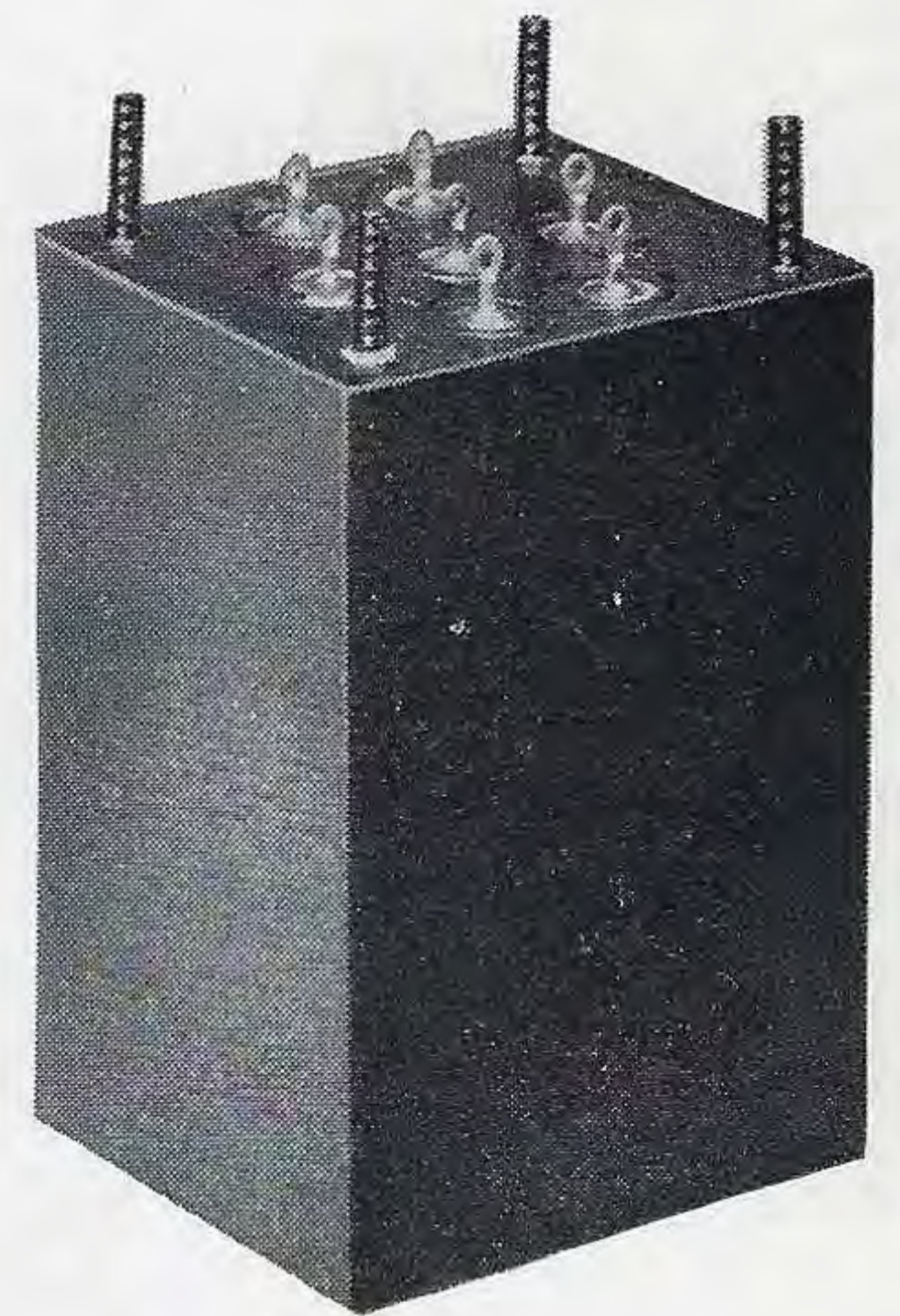
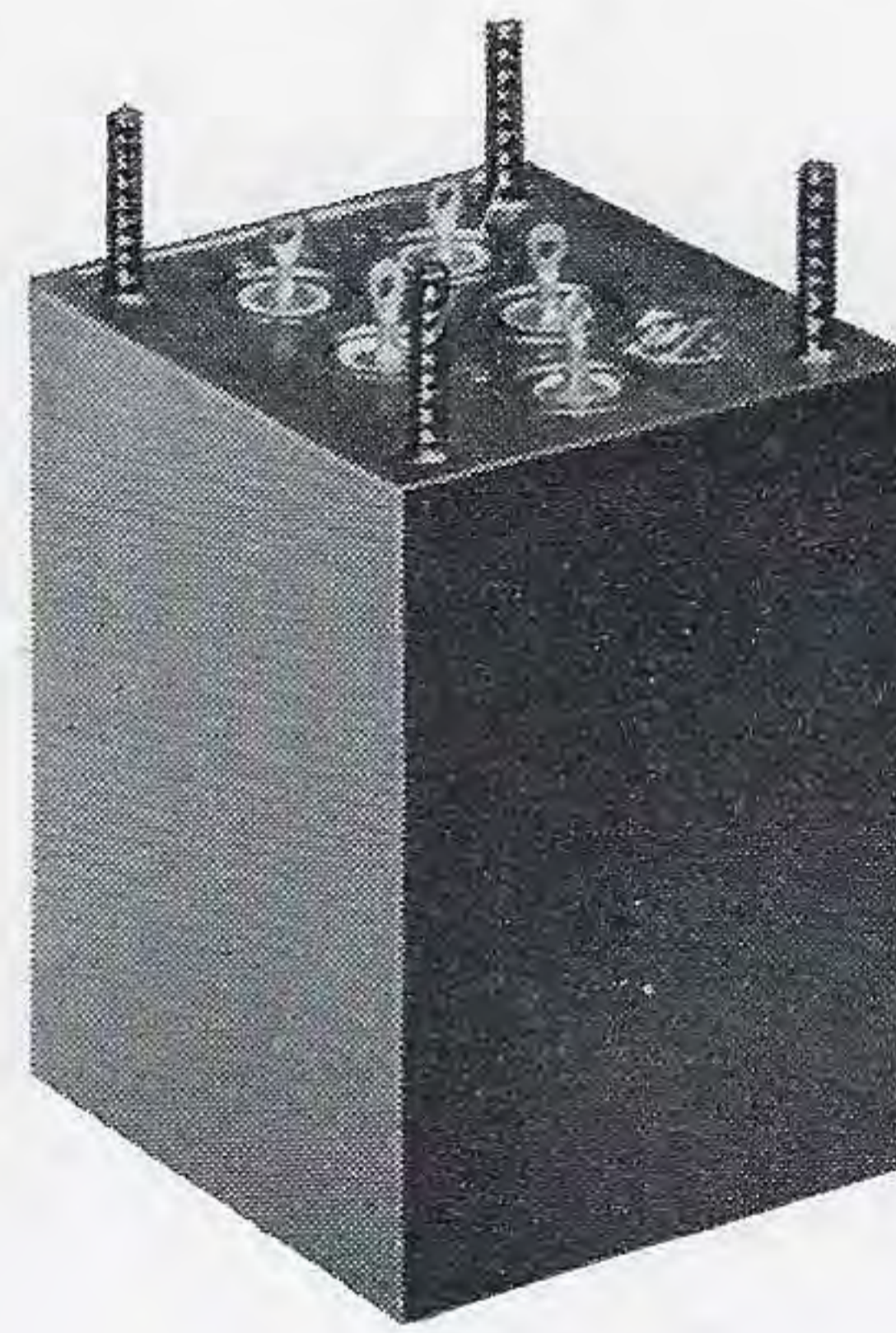
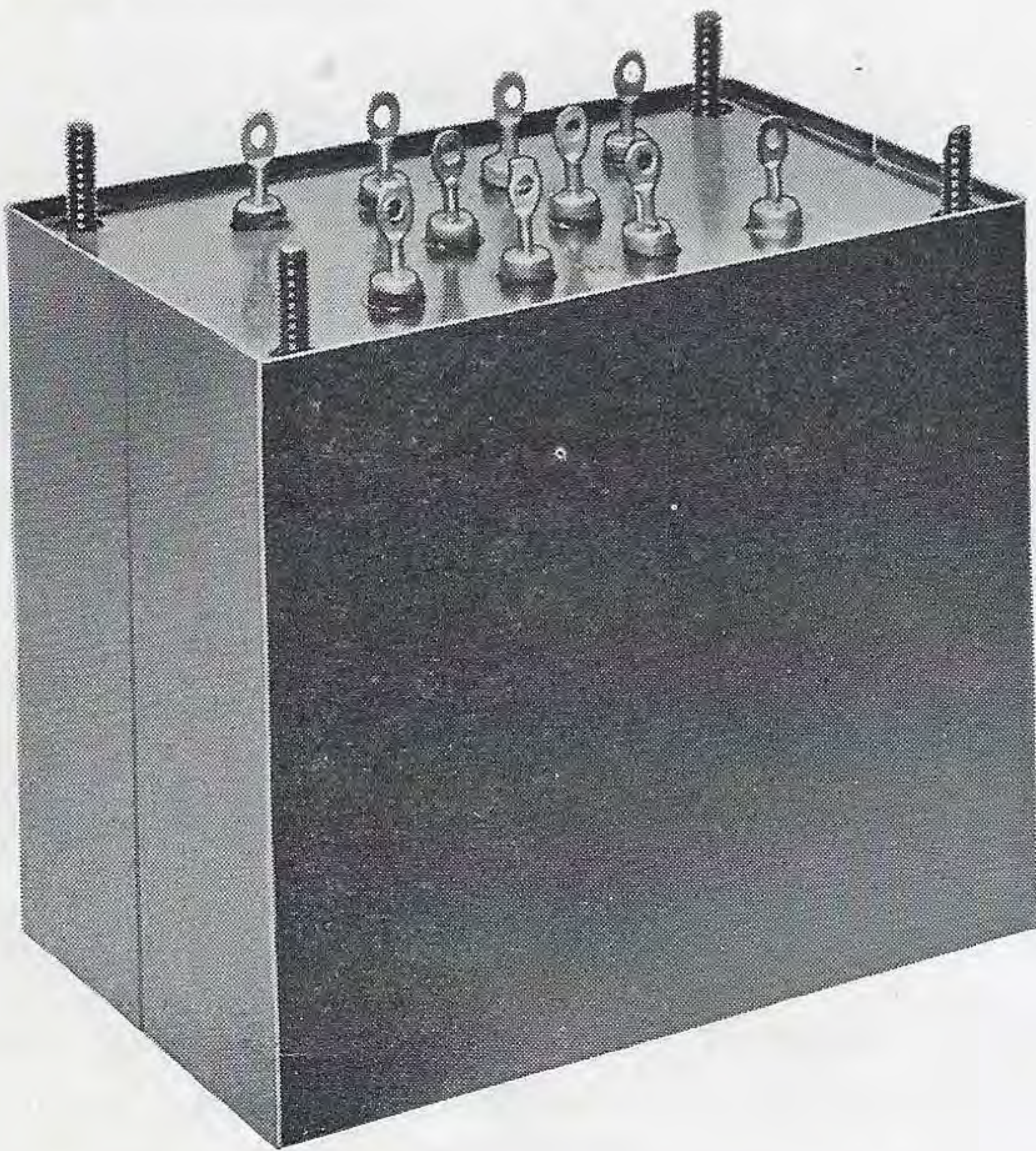
HERMETICALLY SEALED UNITS

SOLDER SEALED CASES • GLASS TERMINALS

During the War, Kenyon has developed and manufactured many types of hermetically sealed units. In an effort to standardize this production, we have tooled to manufacture units with the same overall dimensions and mounting dimensions as standard "T" Line cases with two exceptions:

- (1) Mounting is single-ended only, but mounting screws may be at either end of the case.
- (2) Height must sometimes be increased up to $\frac{1}{2}$ " in order to permit using the solder seal type of terminal.

Ceramic and other forms of terminal construction are also available.

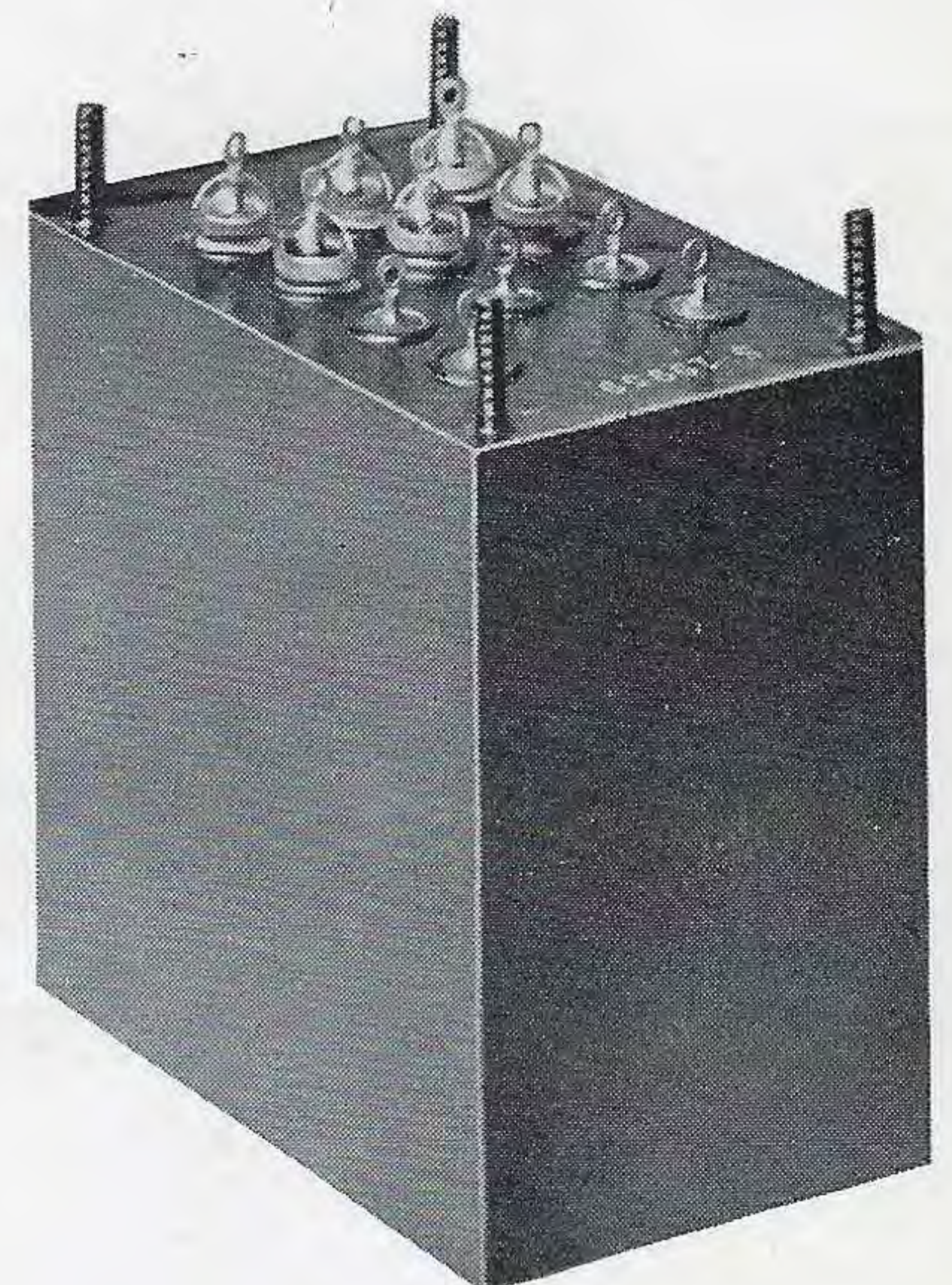
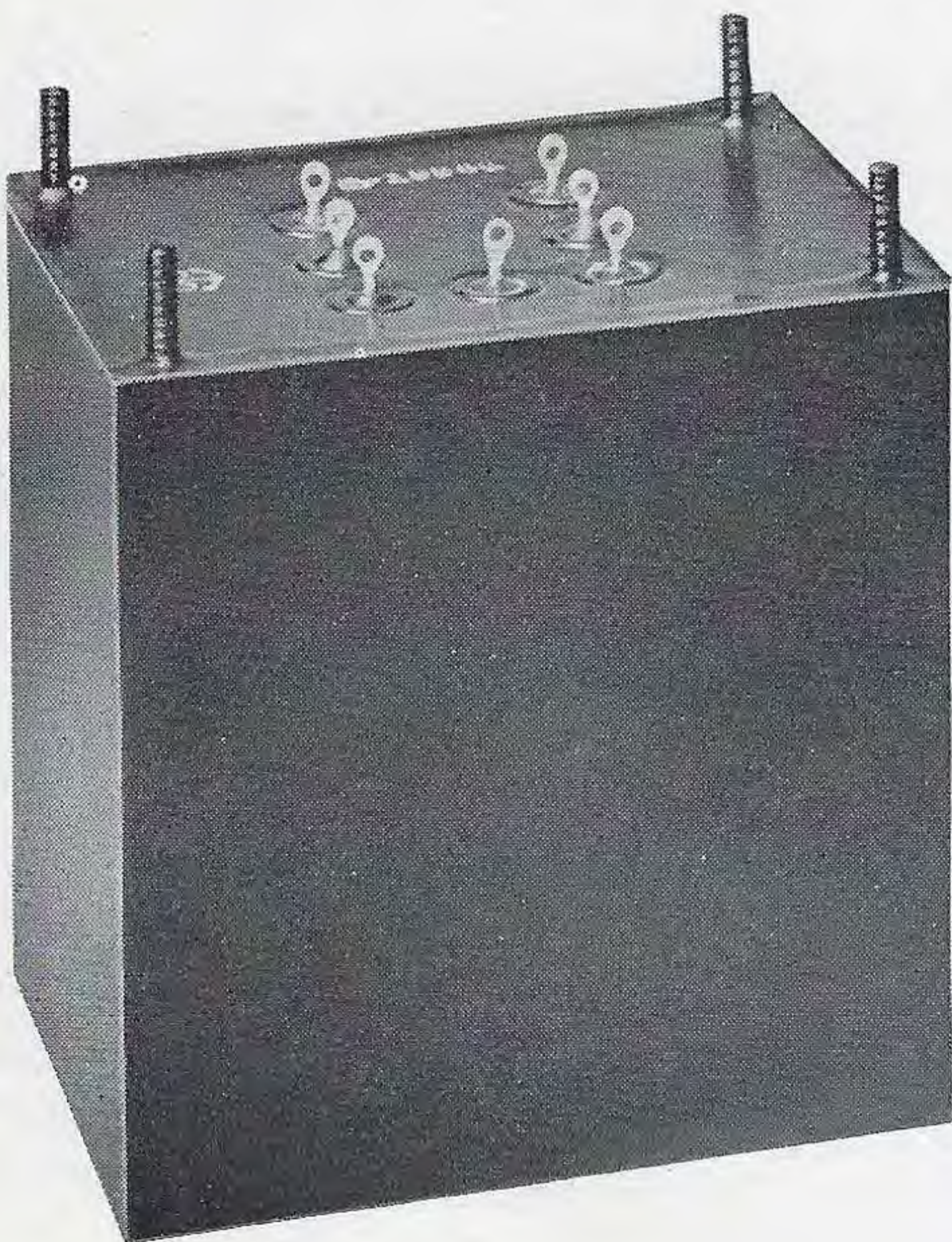


THE FUTURE OF HERMETIC SEALING

After the War this new style of case construction will be available where export versions of standard 'T' Line Transformers are desired, and for operation under extremes of temperature and humidity in other locations. The cost is somewhat greater, but the life of such a unit is practically unlimited.

A perfect transformer *inside* the case and a *perfect seal*, will keep them operating for decades.

In addition to the sealed feature, these units are so finished as to withstand a 200-hour salt spray test, and thus are practically immune to corrosion and rusting.



"A" LINE TRANSFORMERS



PAT. NO. 2,343,675

TUBE BASE AUDIO UNITS

Submersion Proof Types

Here is really the latest in transformer design. Smart in appearance, quickly installed, compact in space, wide in application, these new Kenyon "A" Line Units will solve many a manufacturing and P.A. problem. Designed for use where space is at a premium and where weight must be kept at a minimum without making any sacrifice in performance characteristics.

Type No.	Primary Impedance	Secondary Impedance	Weight	List Price
A-10	500-333-250 200-125-50 ohms	500/125 ohms*	6 ozs.	\$12.25
A-20	500-333-250 200-125-50 ohms	50,000 ohms* single grid	6 ozs.	12.75
A-22	500-333-250 200-125-50 ohms	100,000 ohms* P.P. Grids	6 ozs.	13.25
A-31	8,000-15,000 ohm plate	2 grids* 1:2.3 ratio Overall	6 ozs.	12.25
A-40	8,000-15,000 ohm plate 8 MA Max. D.C.	500-333-250* 200-125-50	6 ozs.	12.25

*±2DB30 to 20,000 cycles. No D.C. in windings. Hum-bucking construction.

"A" Line transformers are excellent for Aircraft, marine, portable broadcast, geophysical and undersea operation. They cut space and assembly time in half. Merely punch a 1³/₁₆" round hole, fasten the 11-prong socket in place, and plug any of the "A" line units in position. They fit so snugly that it requires considerable effort to remove them.

ALL "A" Line transformers have the minimum hum pick-up axis parallel to the locating pin on the octal base in order that they may be oriented for minimum hum pick-up. ALL UNITS ARE SUPPLIED WITH KENYON MOUNTING SOCKETS.

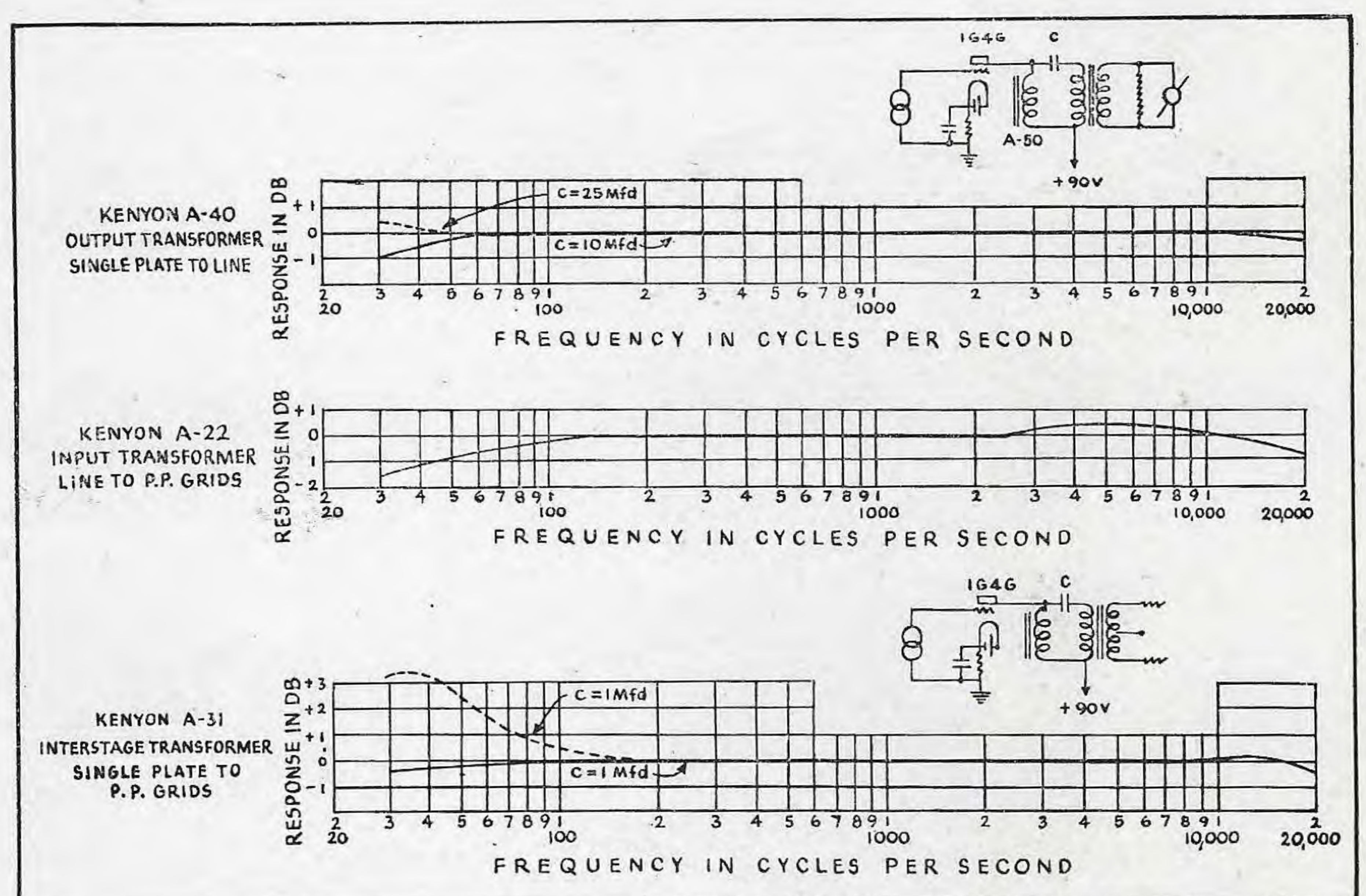
CONSTRUCTION

The units listed above are of submersion proof construction, fully poured and vacuum-varnish impregnated. Quotations gladly supplied on types other than those listed above. Types which can be locked in sockets are also available.

CASE DIMENSIONS

All "A" Line units are housed in a round case 2¹/₄" high and 1¹/₂" in diameter.

ILLUSTRATION SHOWN ON THIS PAGE IS ACTUAL SIZE.



Just Plug Them In — They're Ready to Go



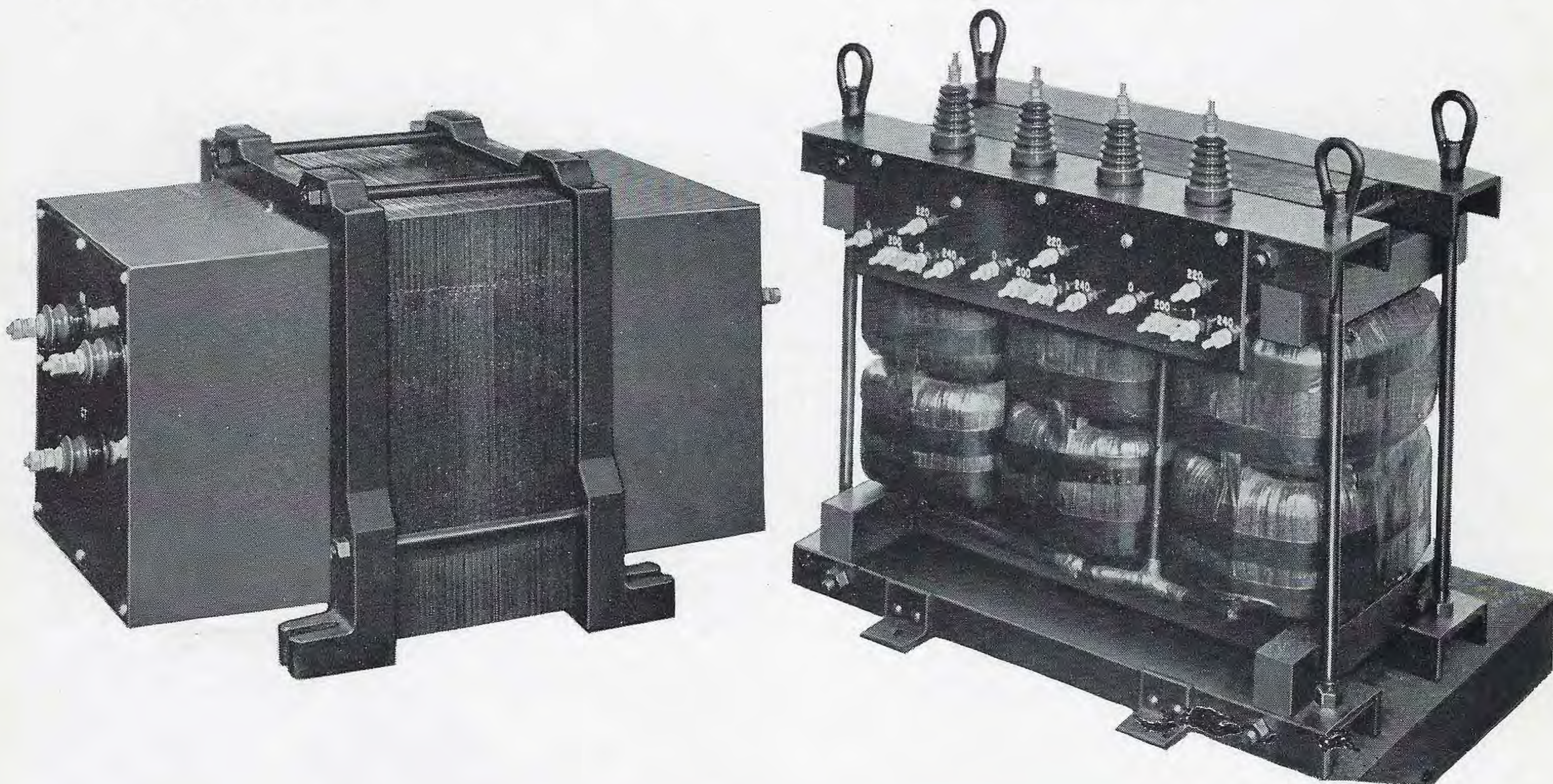
BROADCAST & INDUSTRIAL TRANSFORMERS

KENYON BROADCAST TRANSFORMERS

We have facilities for manufacturing power transformers up to a capacity of 50 KVA or 50 K.V. and Audio transformers up to 20 K.W. audio output, or 50 KV plate voltage. For years Kenyon has supplied some of the smaller stations with complete sets of components and larger stations with low and medium power components.

Our line of Laboratory Standard transformers were unrivaled before we were forced to discontinue them due to War work. When conditions permit, new designs, modernized and improved, will be offered.

In the meantime, the Portable Broadcast group on Page 9 will meet most needs.



KENYON INDUSTRIAL TRANSFORMERS

Industries requiring small lots of special transformers for either electronic, power or control purposes, will find Kenyon well equipped to produce exactly the unit needed. We can manufacture units as large as 50 KVA, with a maximum voltage rating of 50 K.V. We can also manufacture low voltage high current

units delivering up to 5,000 amperes output. Our engineering ability is well known, and we solicit your inquiries on new and novel industrial applications. Many types of construction are available and we have the "know how" to fit new constructions into our manufacturing facilities.



Their Superiority Is Recognized Instantly!

PORTABLE BROADCAST TRANSFORMERS



FOR PORTABLE REMOTE PICK-UP EQUIPMENT

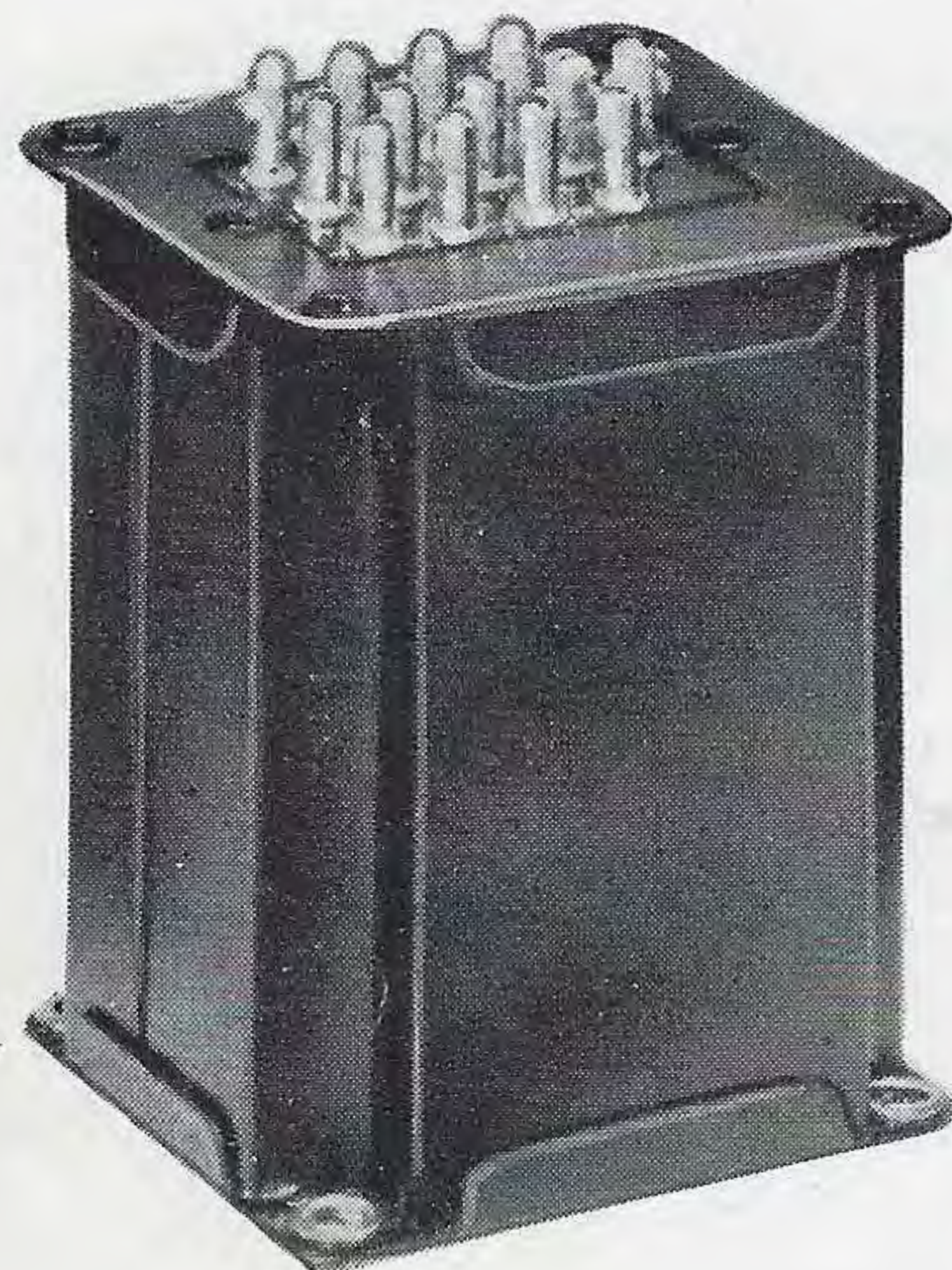
The Kenyon Transformer Company, Inc., has for some time seen the need for a small, light compact unit for use in portable remote pick-up equipment and similar applications. This line has been designed to fill this demand. The average weight of any one of the units is twenty ounces. Included are parallel feed chokes, line to line, input, interstage and output transformers which are designed for use with the different tubes more commonly used in portable equipment. All units are electromagnetically shielded by HYDROGEN ANNEALED high permeability alloy steel cases. The following are the salient features:

FREQUENCY RANGE: ± 1 DB 40 to 12,000 cycles.

MECHANICAL: Case 1A, see chart on top of page 2 for dimensions.

ELECTRICAL: Electrostatic shield between primary and secondary of all input, output, line and microphone transformers. Shield and connection to core brought out on terminal board. Core insulated from case. Balanced windings are tested for resistance, inductance, and capacity balance. Interstage transformers are designed to carry D.C. currents specified below. The frequency limit (plus or minus 1 DB, 40 to 12,000) is maintained up to and including D.C. current value given. If extremely low frequency is desired, the use of a parallel feed choke is recommended. The Multiple line impedance arrangement is a coil structure conceived, designed and developed by the Kenyon Transformer Company, Inc. All transformers in which this winding is incorporated offer balanced 200 and 500 ohm windings with taps at 50, 125, 250 and 333 ohms.

Use is made of the latest alloys for core material—different alloys being used for the different transformers, depending on their intended use. These transformers have a new type of impregnation and sealing which makes them proof against failure due to adverse climatic conditions. For values other than those listed, consult our engineering department. All types are manufactured.



LINE TO LINE TRANSFORMERS

Type No.	Application	Response	Impedance Ratio	Level	Weight	List Price
P-100	Line to line	± 1 db 40-12,000	Multiple line to multiple line	+ 20	1 lb. 1 oz.	\$13.25

LINE TO GRID TRANSFORMERS

P-200	Line to Grid	± 1 db 40-12,000	Multiple line to 80,000 ohms (a)	+ 20	1 lb. 1 oz.	13.25
*P-202	Line to Grid	± 2 db 30-15,000	Multiple line to 50,000 ohms (a)	+ 20	1 lb.	15.50
*P-203	Line to PP grids	± 2 db 30-15,000	Multiple line to 100,000 ohms (a)	+ 20	1 lb.	18.75
*P-204	Line to Grid	± 1 db 30-20,000	Multiple line to 50,000 ohms (a)	+ 20	1 lb. 7 ozs.	22.00
*P-205	Line to PP Grids	± 1 db 30-20,000	Multiple line to 100,000 ohms (a)	+ 20	1 lb. 7 ozs.	25.75

*See page 5 for complete details.

INTERSTAGE TRANSFORMERS

P-300	Single plate to single grid	± 1 db 40-12,000	1:2 overall	6 MA	1 lb. 1 oz.	11.00
P-301	Single plate to push pull grids	± 1 db 40-12,000	1:2 overall	6 MA	1 lb. 1 oz.	13.25

OUTPUT TRANSFORMERS

P-400	Single plate to line	± 1 db 40-12,000	Plate (c) to multiple line	+ 20	1 lb. 1 oz.	13.25
P-401	Push pull plates to line	± 1 db 40-12,000	Plates (c) to multiple line	+ 20	1 lb. 1 oz.	13.25

AUDIO CHOKES

P-500	Parallel feed audio choke (split winding)	Rated DC 3 MA	Inductance 300 hys	D.C. Resistance 6000 ohms	1 lb. 1 oz.	11.00
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(a) Split winding—impedance refers to entire secondary.
(c) "Plate" refers to such tubes as 6C5, 56, 30, 846, etc., having an A.C. plate resistance of the order of 10,000 ohms.

OTHER TYPES IN THE SAME CASE CONSTRUCTION AND HIGH FIDELITY TYPES IN OUR HIGH PERMEABILITY 2A CASE CONSTRUCTION CAN BE MANUFACTURED TO ORDER

For High Quality—Depend on Kenyon!



KENYON PIONEERED FILTERS

TYPICAL AIRLINE FILTER

Kenyon has long been known as the pioneer in wave filter design. We have complete design and laboratory facilities, with the latest in equipment for filter development. Our production facilities include special lamination dies for producing a wide range of special laminations for filter purposes. Consult our Engineering Department if you have a filter requirement.

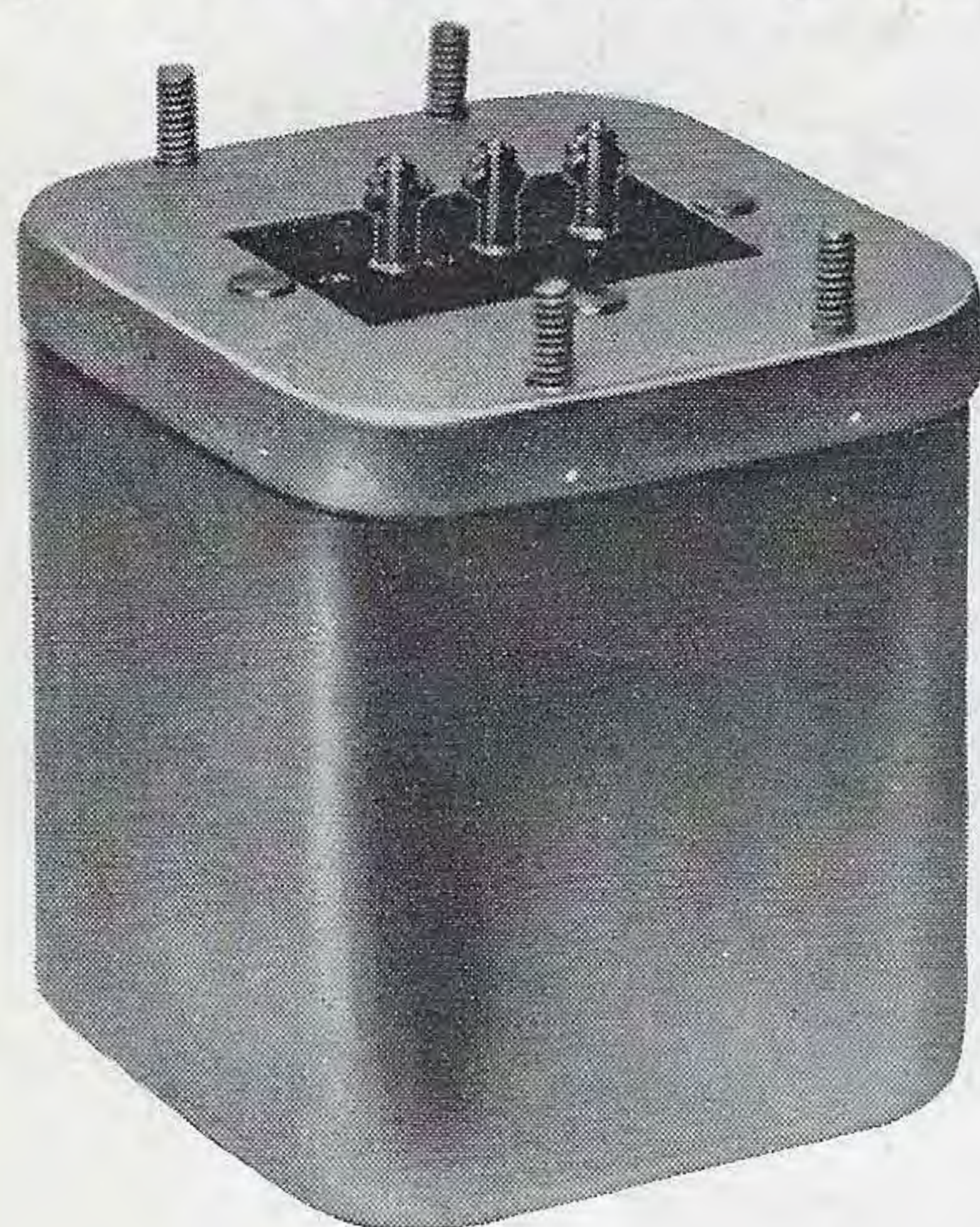


BLIND LANDING FILTER

Kenyon developed early models of course-indicating and blind landing filters and during the War has been in volume production of these. Special low frequency measuring equipment built by our own staff,

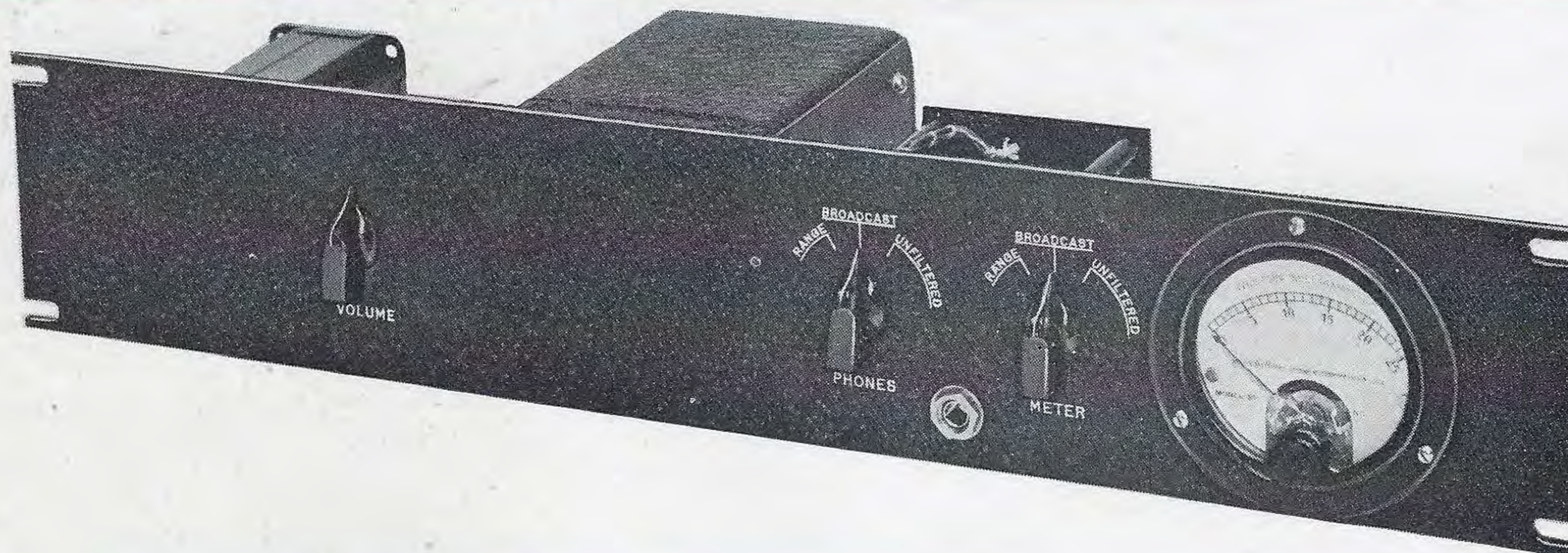
and special production techniques developed by them, have made this possible.

Filters are available in all types of construction, including hermetically sealed. When specifying filters be sure to include in addition to the attenuation-frequency characteristic, the amount of insertion loss tolerated and the maximum level at which the filter will be required to operate.



OUTPUT FILTER

This is a special output filter combining both an output transformer and a filter built as one unit for maximum efficiency and minimum losses. It is built like a skyscraper, one floor on top of another for minimum base area. In addition it is hermetically sealed to pass Navy 5 cycle immersion tests. No problem is too tough for Kenyon.

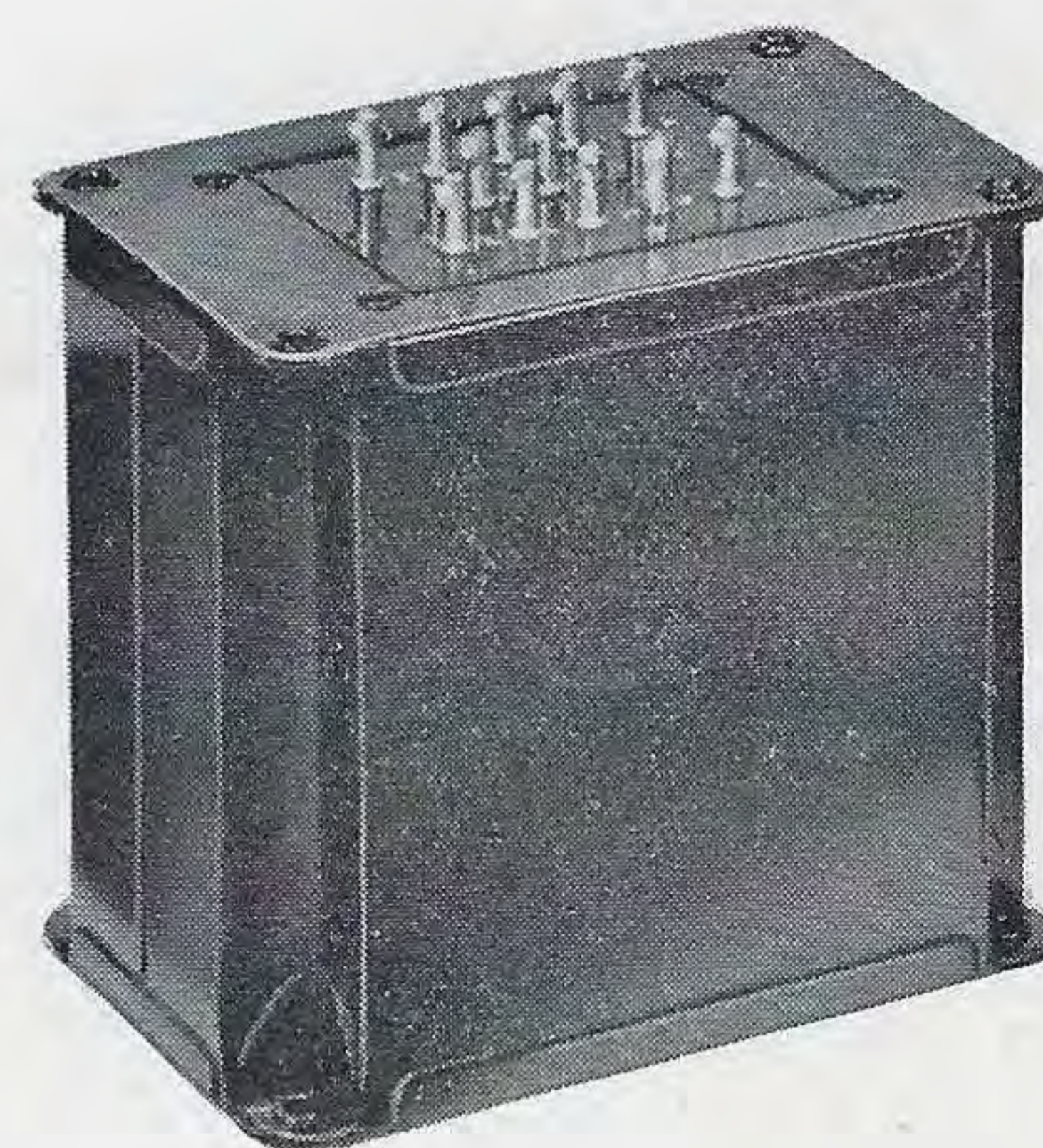
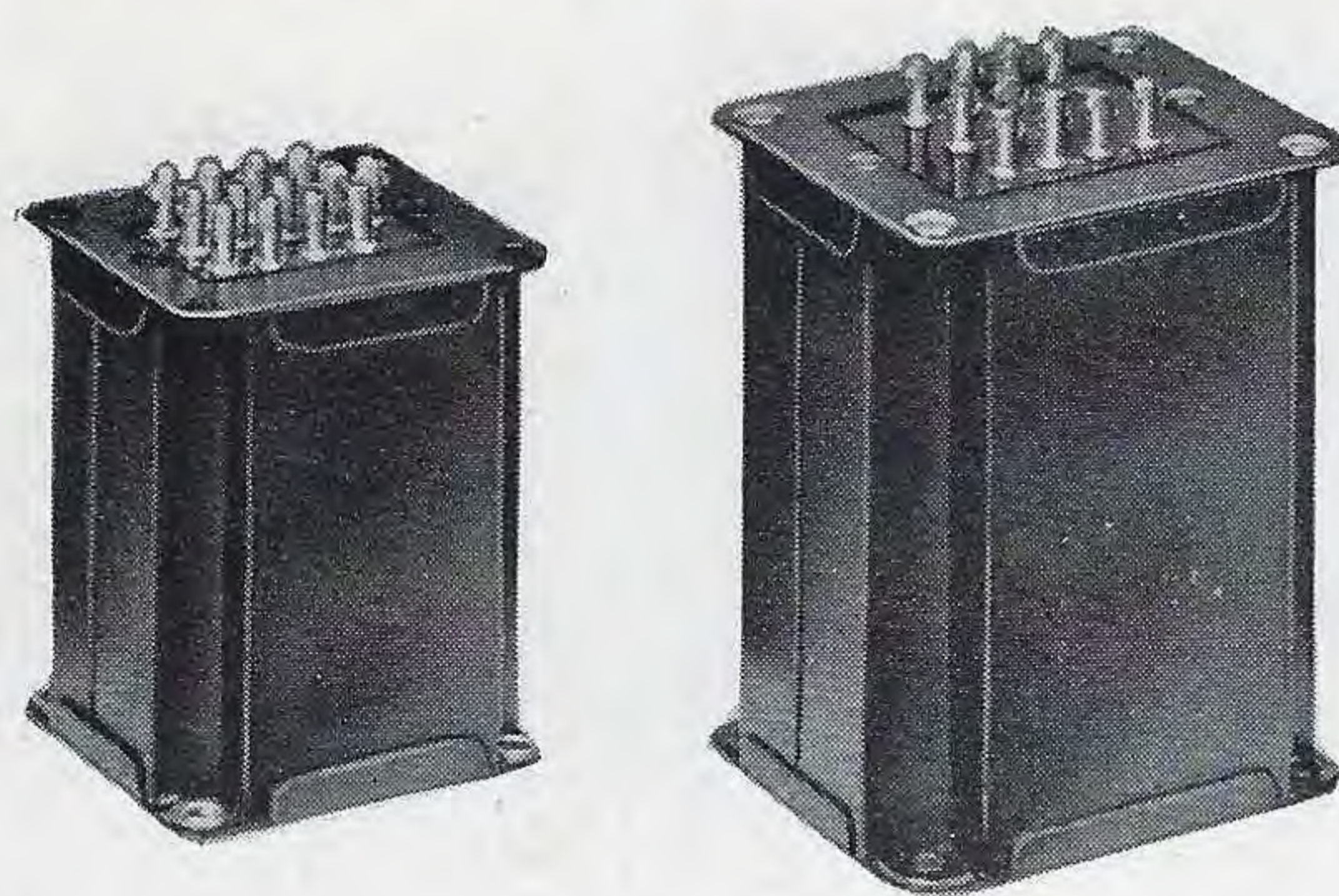


KENYON "T" LINE COMPONENTS



HIGHEST QUALITY ENGINEERING AND CONSTRUCTION

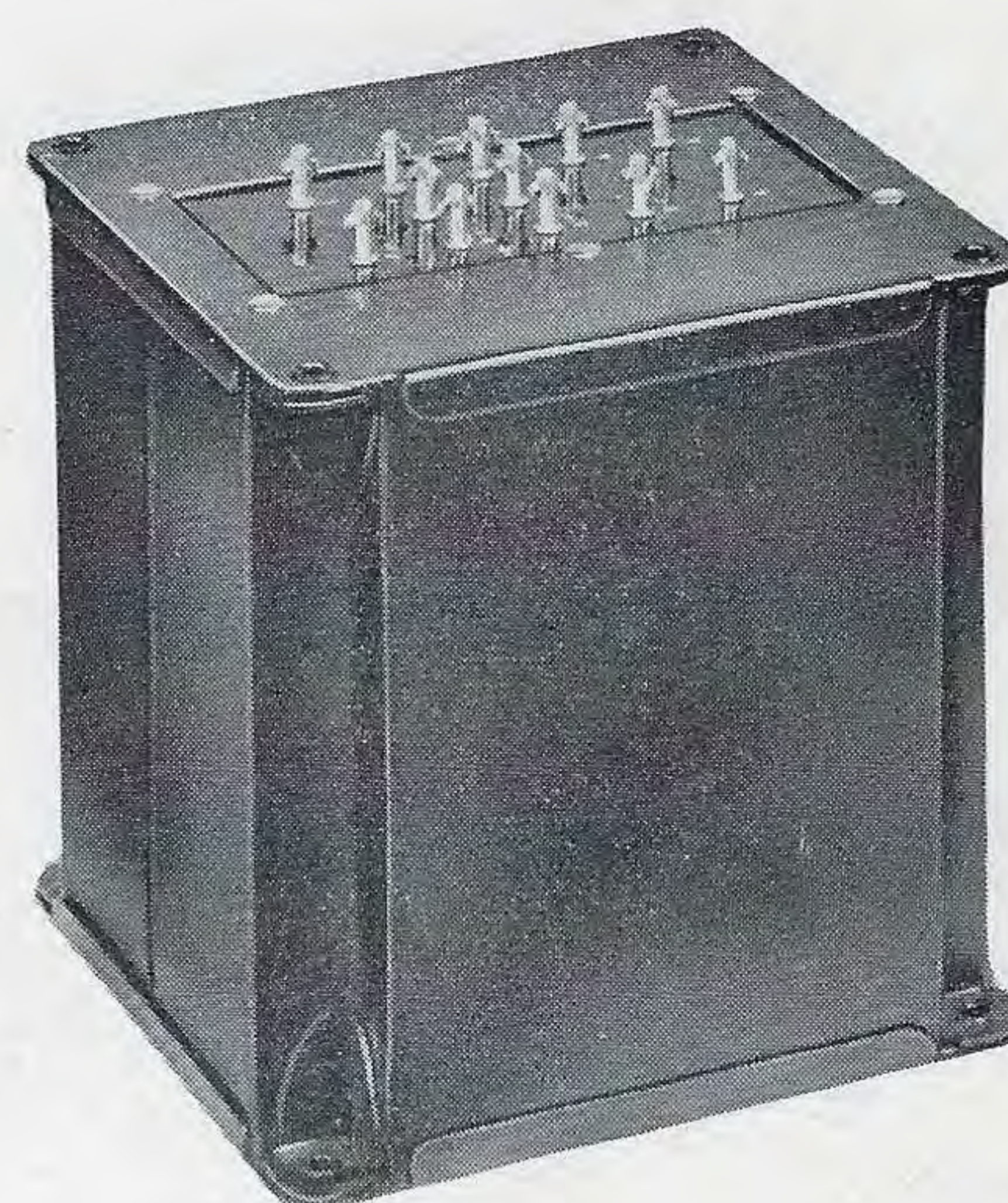
Only the finest grades of material are used in the manufacture of Kenyon Transformers. No sacrifice of quality is ever tolerated at the expense of a slightly higher cost for a finer material to insure a better finished product. Add to this fundamental policy the long experience, genuine engineering skill and seasoned craftsmanship of our staff and you have the reason for transformers which meet the most exacting requirements of critical purchasers.



Every Kenyon Transformer is checked progressively in its course of manufacture while each unit is laboratory-tested upon completion to insure satisfaction and long life in circuits for which they have been designed.

UNIVERSAL MOUNTING FEATURE

Four mounting holes at the top and bottom of the casings provide facilities for universal mounting in either upright or inverted positions. The compact terminal board design permits convenient, concealed wiring to all terminals under chassis when mounted in the inverted position. One hole or rectangular knockout in the chassis the size of the terminal board is all that is required for this purpose. With the exception of high voltage units which are provided with glazed ceramic insulator terminals, all units have sturdy, stud-type soldering terminals. The studs are designed to permit both mechanically and electrically perfect connections.



ONE STYLE CASE

Of special interest to manufacturers of high quality equipment who desire uniformity of appearance is the one style case used throughout the line. From the smallest to the largest, all cases are of uniform style in durable, black dull satin finish enamel. Case sizes may be obtained from the chart on Page 2 and chassis may be accurately laid out from the dimensions given. Inasmuch as these figures do not depend on the lamination stack for centering, they are held to $\frac{1}{32}$ " tolerance permitting the use of accurate mounting holes.

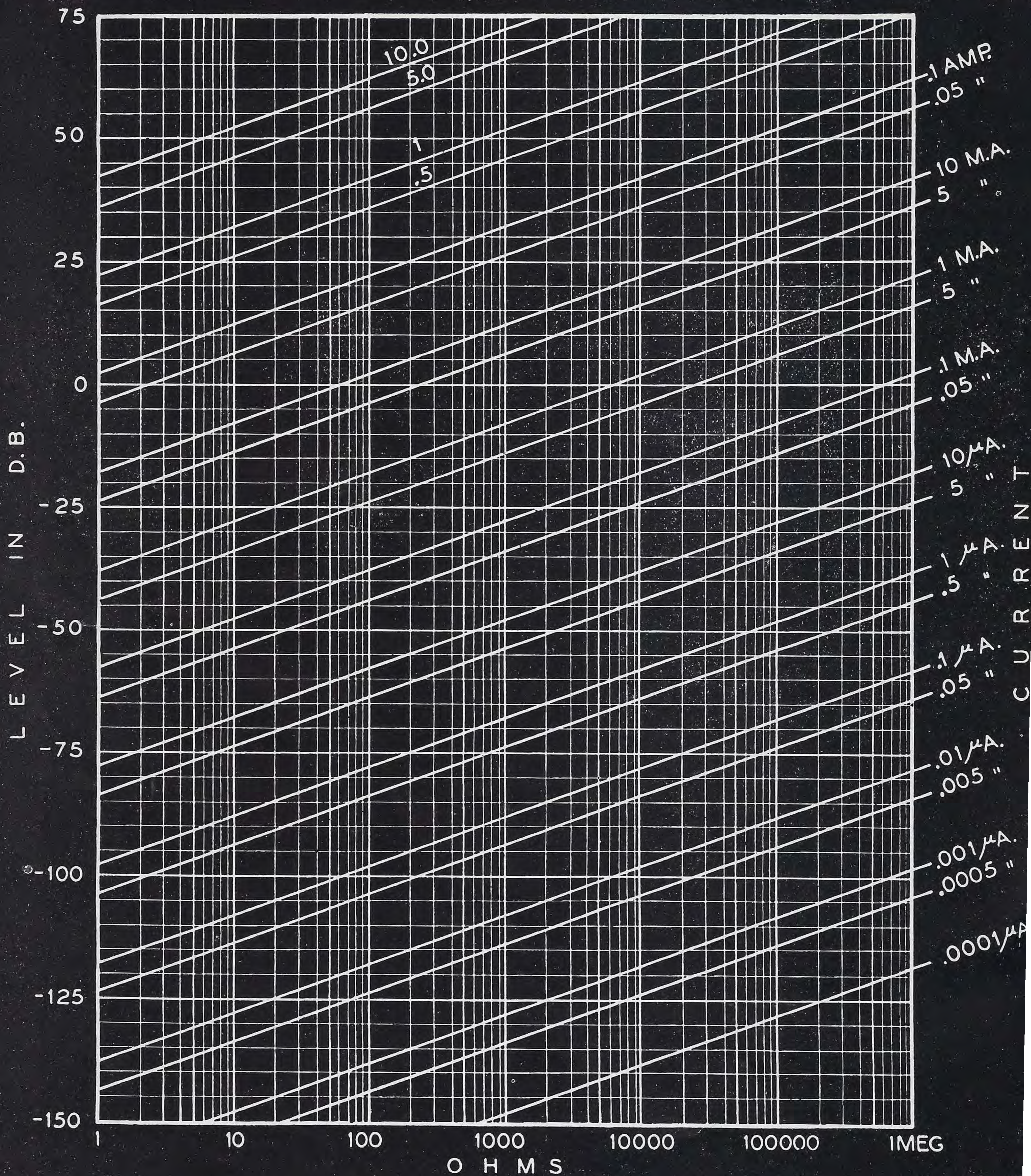


You Can Depend on Kenyon... All Ways!



KEN-O-GRAF

OHM • CURRENT • DECIBELS CONVERSION GRAPH

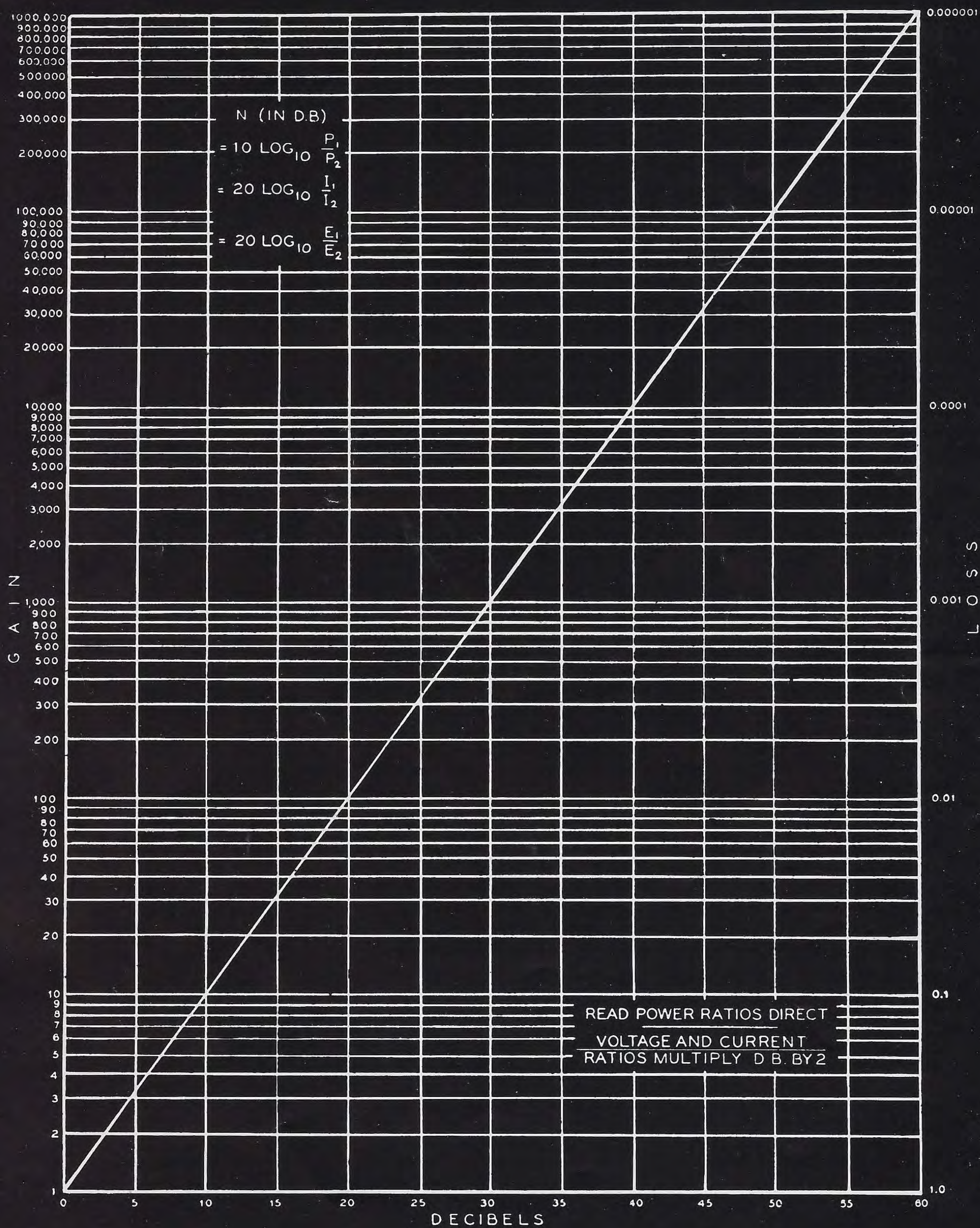


This graph may be used to find ohms, current and level in decibels, e.g.: What is the level in decibels at 600 ohms at a current of 10 M.A. Enter the graph at the bottom (ohms) at 600 ohms and read up to where the slanting 10 M.A. line intersects. From this point, project horizontally to the left, and read +10 db. Based on .006 watts at zero level.

Kenyon Has the Answer to Your Transformer Problem

KEN-O-GRAF

CONVERTING LOSS OR GAIN INTO DECIBELS

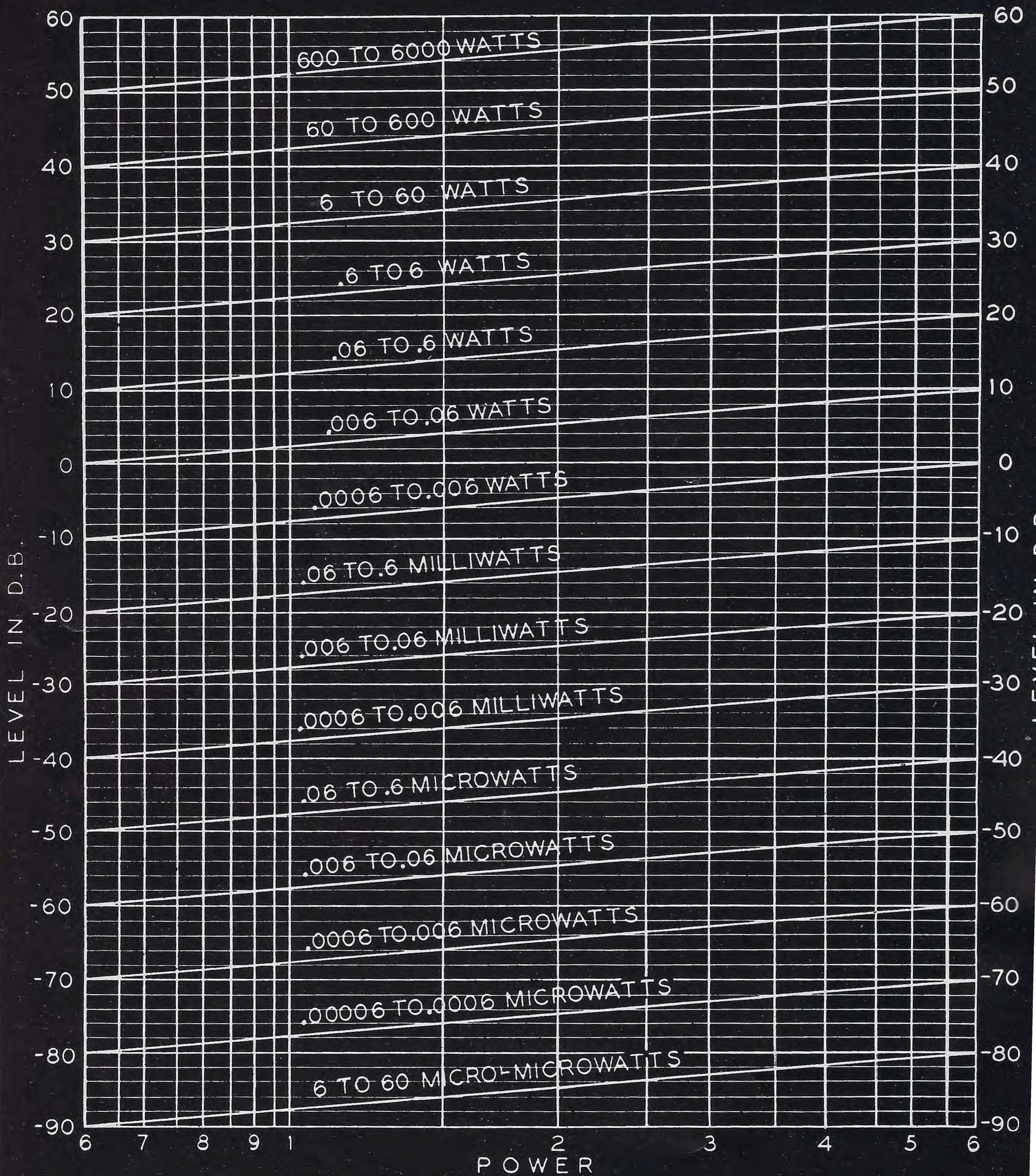


Handy Ken-O-Grafs Save Valuable Time!



KEN-O-GRAF

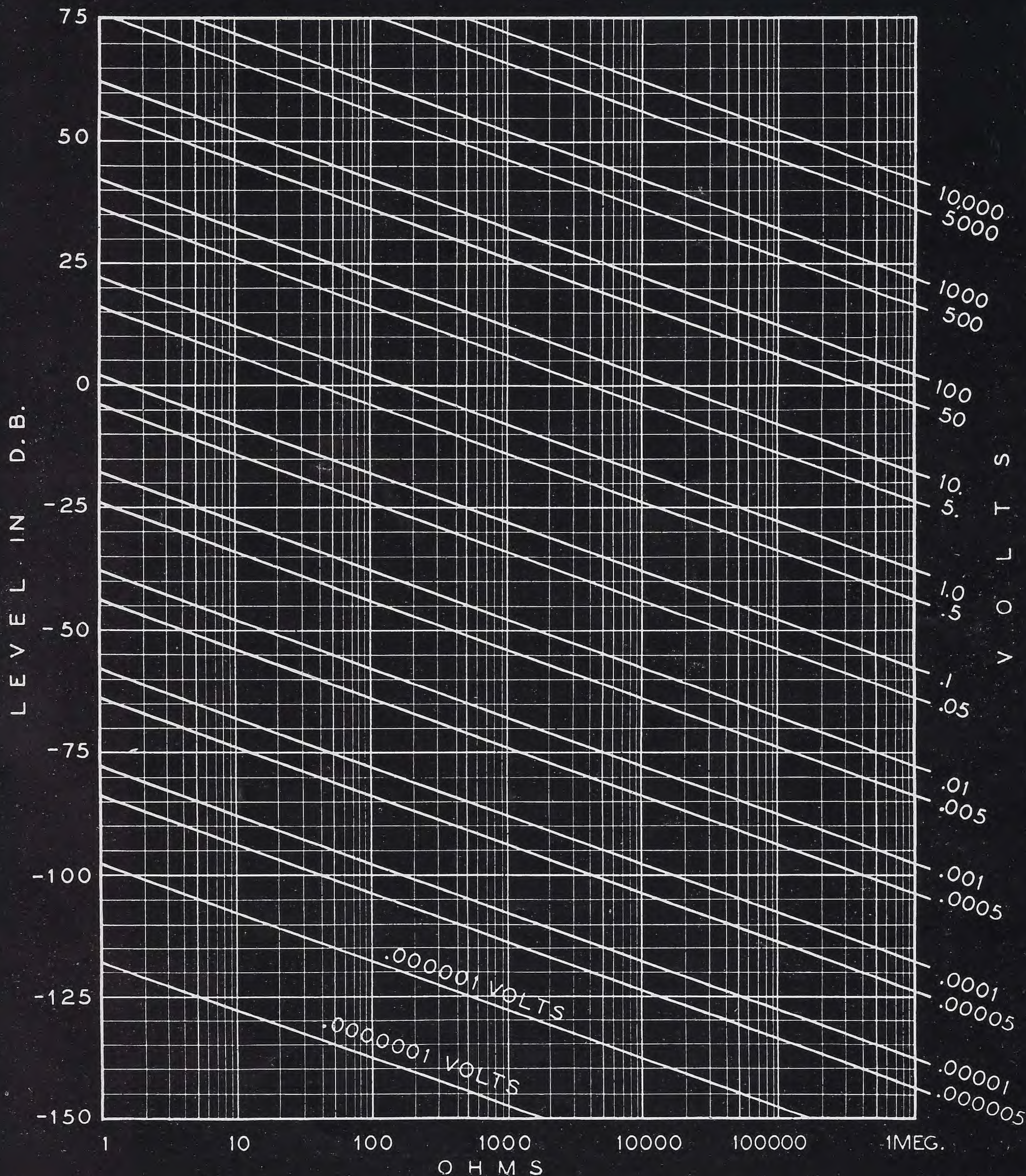
WATTS VS. DECIBELS



To convert power to decibels or to convert decibels to power—Example:—What level in DB. is represented by 30 watt power? Enter bottom of chart on vertical line marked "3". At the intersection of this line and the diagonal marked "6 to 60 watts" project a horizontal line to the left and read 37 DB. If 50 watts were the power, the vertical marked "5" would be used, or if .006 watts were the power the vertical marked "7" would be used, etc. Based on .006 watts at zero level.

KEN-O-GRAF

OHMS • VOLTAGE • DECIBELS CONVERSION GRAPH



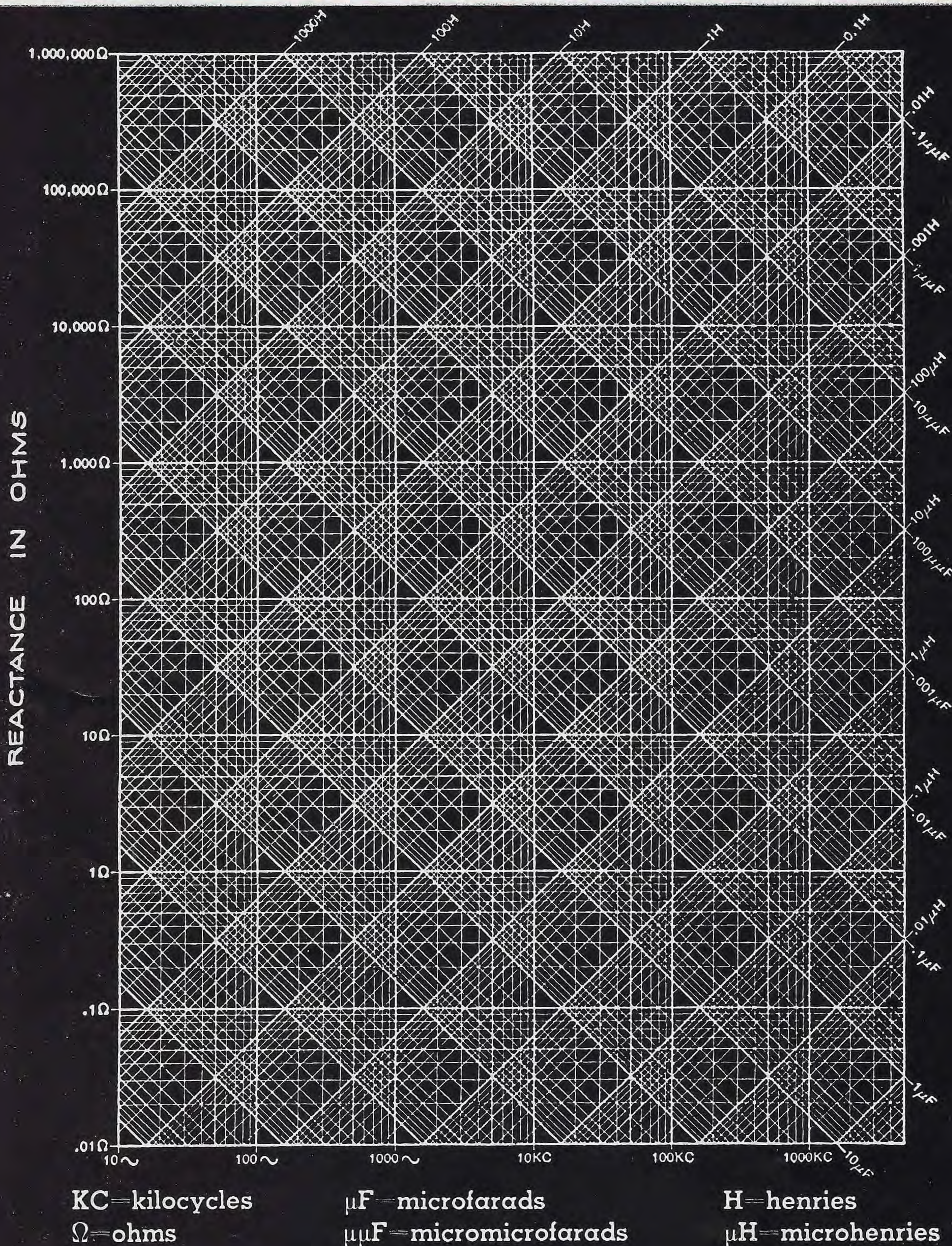
This graph may be used to find ohms, volts, and level in decibels, e.g.: What is the level in decibels at 500 ohms at a voltage of 1 volt? Enter the graph at the bottom (ohms) at 500 ohms and read up to where the slanting 1 volt line intersects. From this point, project horizontally to the left, and read -5 db. Based on .006 watts at zero level.

Handy Ken-O-Grafs Save Valuable Time!



KEN-O-GRAF

REACTANCE • CAPACITY • INDUCTANCE • RESONANT FREQUENCY



To find reactance of 1 mfd. at 1000 cycles follow the 1 mfd. line (slanting UP from right to left) until it intersects the vertical line marked 1000 cycles; project horizontally to the left and read 160 ohms.
To find the reactance of 1 henry at 1000 cycles follow the 1 henry line (slanting DOWN from right to left) until it intersects the vertical line marked 1000 cycles; project horizontally to the left and read 6300 ohms.
To find resonant frequency of 1 mfd. and 1 henry follow these lines to their intersection and project vertically to the bottom to read 160 cycles. Courtesy Bell Laboratories.

Handy Ken-O-Grafs Save Valuable Time!

KENYON



outperforms



...IN THE AIR

Wherever Dependability is the prime consideration, Kenyon Transformers are usually the first choice of the engineer because he knows from long experience that Kenyon Transformers are built to meet specifications—PLUS!

Typical of the reliability which is placed on Kenyon Transformers is the fact that they may be found in the air, on land, under the sea in mobile equipment of the United States Government where the very lives of men may depend upon unfailing reliability.

Day in and day out in many other walks of life Kenyon Transformers are proving their dependability—in a less spectacular manner, perhaps—but none the less efficiently.

Regardless of the conditions, whether under the exigencies of war in which equipment is taxed to the limit or in more peaceful pursuits, you will find Kenyon Transformers serving with satisfaction.



...ON LAND



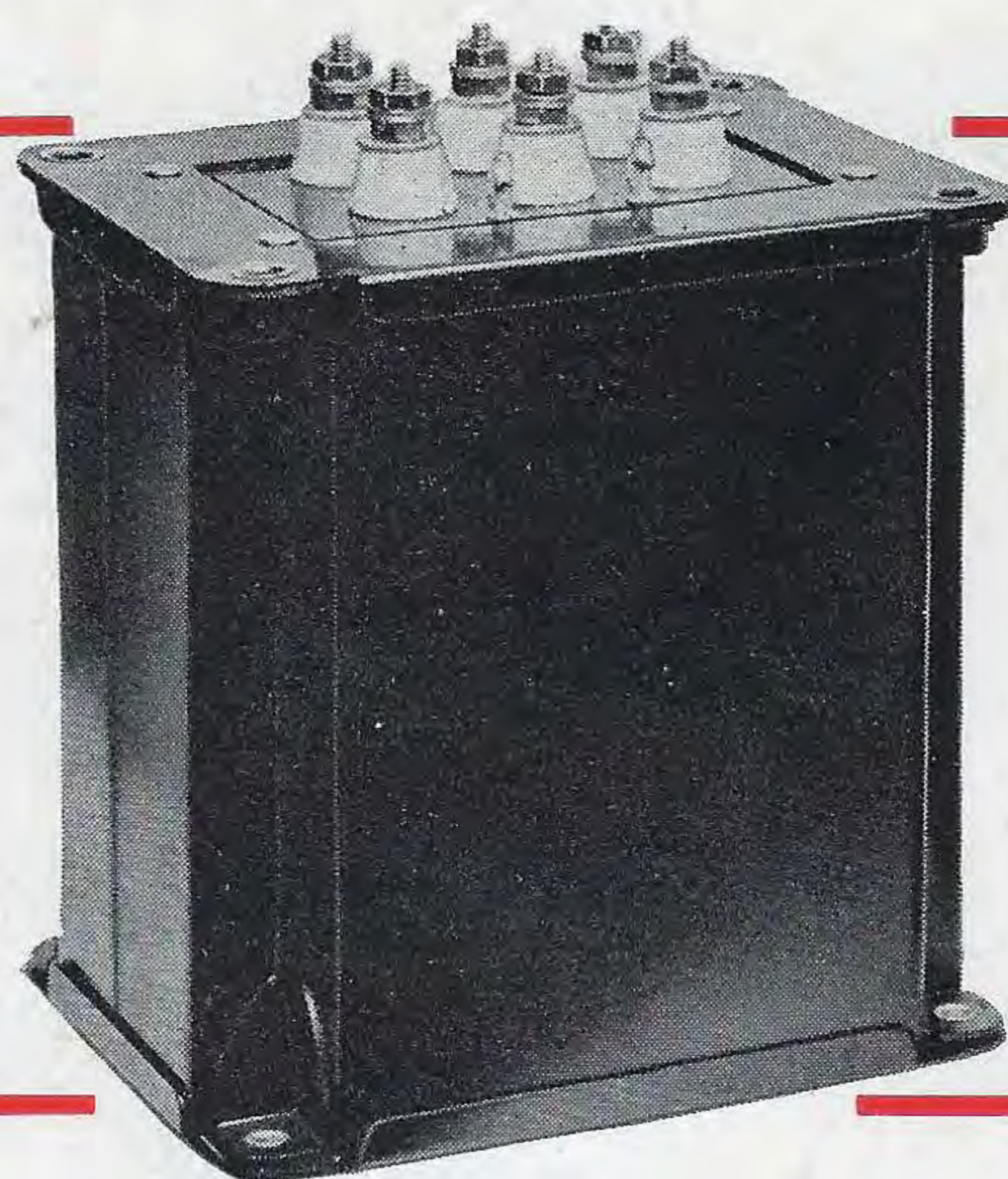
...AT SEA



SPECIAL CONSTRUCTIONS



PAT NO.
2,343,675



KENYON WELCOMES THE UNUSUAL

When you have a transformer, reactor or filter problem that is off the beaten track, come to Kenyon. We have tooling for a great variety of different constructions, and the talents of our production employees are easily adaptable to the new and different. As can be seen from our catalog, little of our production is standard, most of it is special.

KENYON ENGINEERING IS TOPS

Untrammelled by the demands of a mass producer, Kenyon engineers welcome the new and different. In prewar years many of the small manufacturers said of themselves "Engineering Department? We don't need one. Kenyon always has the right answer to our problems."

Can we help you, if you have thought it necessary to use "standard" designs?



TO MANUFACTURERS . . .

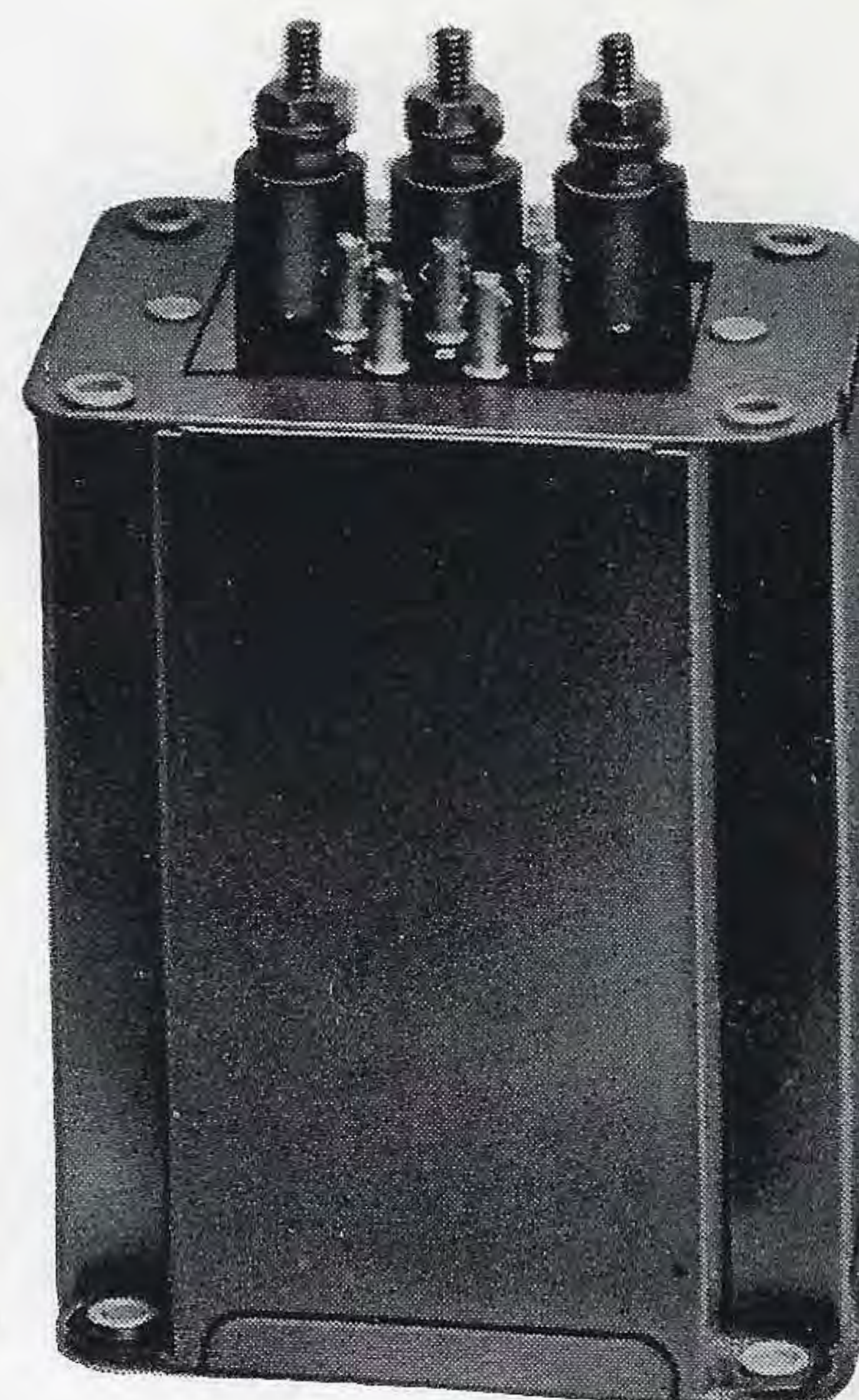


A decade ago the Kenyon Transformer Company, Inc., realized that equipment manufacturers were not satisfied with trying to fit so-called "standard" or catalog items into their product. For this reason Kenyon set about developing an engineering staff and a production department that would be able to turn out special units to fit the customer's needs with almost the same ease that other manufacturers could produce items of their catalog line.



We believe that this end has been achieved, and just before the War, Kenyon was really selling engineering ability and know-how, as well as transformers and associated products.

The small additional cost of the "specials" was more than recovered by the user in getting a product that could be depended upon, although a new design, and at the same time secure exactly the unit he required. We invite inquiries from manufacturers of equipment, electronic and other, and from industrial and commercial users of transformers.



EXPORT DATA

Our firm maintains at 25 Warren Street, New York, an export and foreign sales division, fully staffed and in a position to properly help your overseas distributors in respect to their needs. They can be addressed by cable as follows:

"SIMONTRICE" NEW YORK

Any regular international cable code system may be employed.

IMPORTANT

In order to determine the list prices of power transformers with OTHER than the customary 115 volt 50/60 cycles A.C. primary windings; please note the following table:

	Increase List Price
230 volts 50/60 cycles AC	25%
115 volts 25 cycles AC	60%
230 volt 25 cycles AC	100%

Kindly note that transformer case dimensions for 25 cycle equipment are different than those indicated in this catalog.

Orders and correspondence may be conducted with us in Spanish, Portugese, French or German.

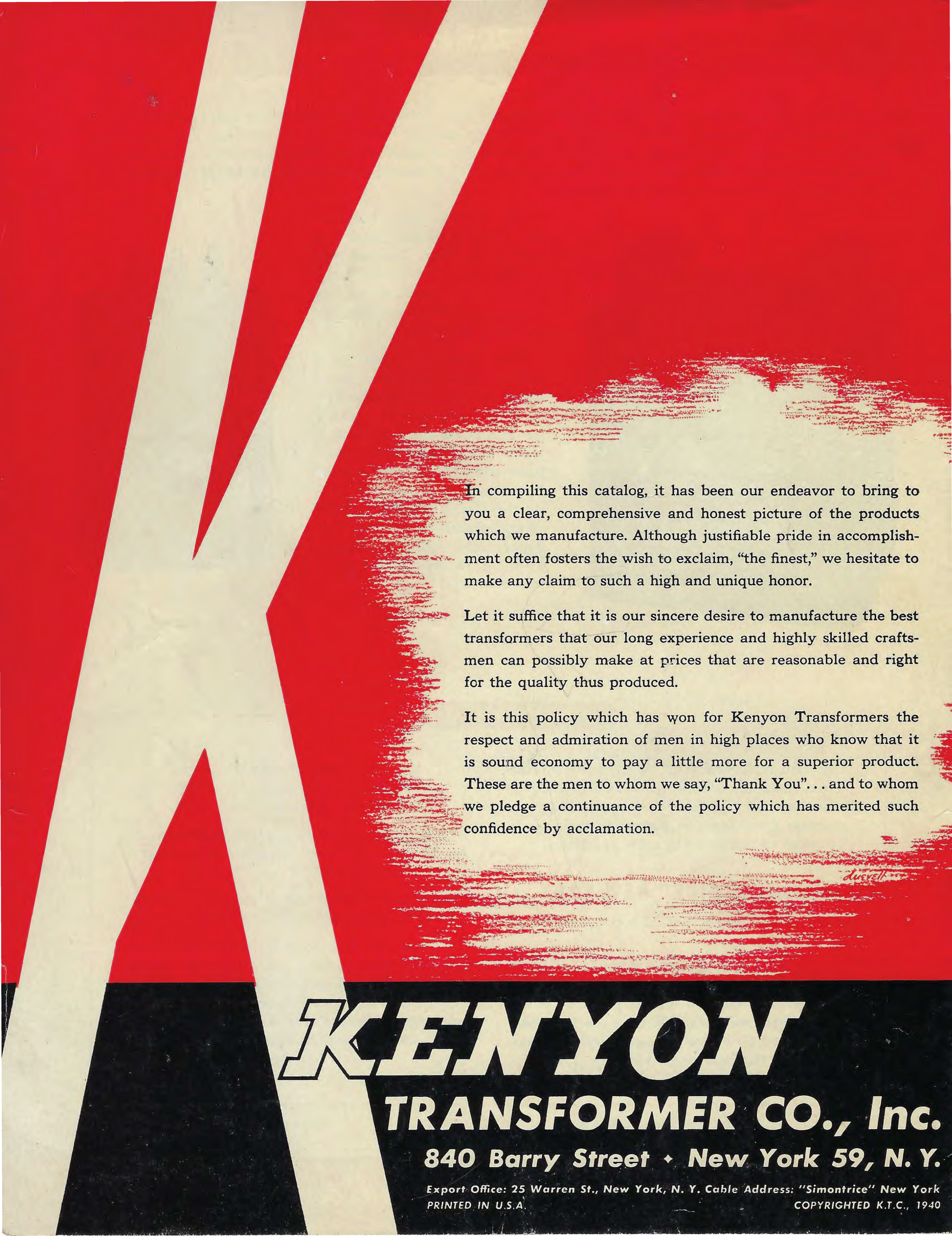
We make NO CHARGE for our regular commercial export packing and all quotations are F.O.B. our New York City warehouse with your only additional expense being the actual cost of trucking to steamers' side. Any other form of export packing would be extra as per our actual cost.

For High Quality — Depend on Kenyon!

NEW LIST PRICES - EFFECTIVE JANUARY 1, 1946
(Subject To Change Without Notice)

Type No.	List Price	Type No.	List Price	Type No.	List Price
T-1.....\$	6.35	T-246.....\$	18.85	T-506.....\$	5.80
T-2.....	6.35	T-247.....	15.65	T-509.....	8.70
T-3.....	6.35	T-248.....	17.40	T-510.....	11.30
T-6.....	11.30	T-249.....	6.35	T-512.....	11.30
T-25.....	6.35	T-251.....	4.90	T-513.....	15.65
T-26.....	6.35	T-252.....	4.35	T-515.....	5.20
T-28.....	8.10	T-253.....	5.20	T-516.....	14.80
T-51.....	4.90	T-255.....	4.90	T-517.....	4.90
T-52.....	4.90	T-267.....	10.15	T-521.....	23.50
T-54.....	6.35	T-271.....	6.95	T-652.....	58.90
T-55.....	5.80	T-301.....	8.70	T-654.....	42.95
T-56.....	5.80	T-317.....	10.15	T-655.....	12.45
T-57.....	6.35	T-319.....	11.90	T-656.....	17.10
T-58.....	6.35	T-351.....	4.90	T-657.....	35.95
T-101.....	4.90	T-352.....	5.20	T-658.....	32.80
T-102.....	4.90	T-353.....	5.20	T-659.....	46.70
T-104.....	5.80	T-354.....	5.20	T-660.....	54.28
T-105.....	6.35	T-355.....	10.15	T-663.....	93.15
T-108.....	8.10	T-356.....	11.30	T-664.....	11.90
T-109.....	11.30	T-357.....	8.70	T-665.....	30.75
T-110.....	13.90	T-358.....	10.15	T-666.....	37.40
T-151.....	8.10	T-359.....	8.10	T-667.....	46.15
T-152.....	5.80	T-360.....	7.25	T-668.....	13.90
T-153.....	4.90	T-361.....	9.25	T-669.....	22.35
T-154.....	5.20	T-365.....	7.25	T-670.....	30.75
T-155.....	4.90	T-366.....	10.15	T-671.....	30.75
T-156.....	3.75	T-367.....	12.45		
T-157.....	3.15	T-368.....	8.10		
T-159.....	13.90	T-369.....	8.10	"P" Line	
T-160.....	12.45	T-375.....	11.90	P-100.....\$	15.35
T-161.....	24.05	T-376.....	9.25	P-200.....	15.35
T-164.....	11.30	T-377.....	13.90	P-202.....	18.00
T-165.....	5.80	T-378.....	6.35	P-203.....	21.75
T-166.....	11.30	T-379.....	4.60	P-204.....	25.50
T-167.....	14.80	T-380.....	8.70	P-205.....	29.90
T-168.....	11.30	T-381.....	9.25	P-300.....	12.75
T-175.....	8.10	T-382.....	10.45	P-301.....	15.35
T-176.....	11.30	T-383.....	11.60	P-400.....	15.35
T-177.....	24.05	T-384.....	9.25	P-401.....	15.35
T-178.....	15.65	T-385.....	11.60	P-500.....	12.75
T-202.....	5.80	T-386.....	6.35		
T-205.....	9.25	T-387.....	5.80	"A" Line	
T-206.....	11.90	T-388.....	4.35	A-10.....\$	14.20
T-212.....	13.35	T-389.....	10.70	A-20.....	14.80
T-213.....	15.65	T-390.....	20.00	A-22.....	15.35
T-215.....	15.65	T-392.....	6.05	A-31.....	14.20
T-216.....	18.00	T-489.....	6.35	A-40.....	14.20
T-219.....	15.65	T-493.....	9.25		
T-220.....	8.70	T-494.....	13.90		
T-221.....	35.95	T-495.....	30.75		
T-222.....	7.80	T-496.....	46.70		
T-223.....	16.50	T-501.....	8.10		
T-244.....	15.65	T-502.....	13.90		
T-245.....	7.25	T-505.....	22.90		

KENYON TRANSFORMER CO., INC.
840 Barry St., New York, U. S. A.



In compiling this catalog, it has been our endeavor to bring to you a clear, comprehensive and honest picture of the products which we manufacture. Although justifiable pride in accomplishment often fosters the wish to exclaim, "the finest," we hesitate to make any claim to such a high and unique honor.

Let it suffice that it is our sincere desire to manufacture the best transformers that our long experience and highly skilled craftsmen can possibly make at prices that are reasonable and right for the quality thus produced.

It is this policy which has won for Kenyon Transformers the respect and admiration of men in high places who know that it is sound economy to pay a little more for a superior product. These are the men to whom we say, "Thank You"... and to whom we pledge a continuance of the policy which has merited such confidence by acclamation.

KENYON

TRANSFORMER CO., Inc.

840 Barry Street • New York 59, N. Y.

Export Office: 25 Warren St., New York, N. Y. Cable Address: "Simontrice" New York
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