Taylor CUSTOM BUILT Tubes

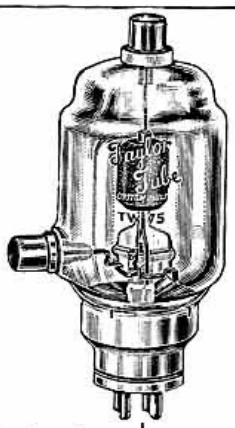
TW-75

75 WATTS PLATE DISSIPATION

THE SECOND IN A SERIES WITH

THIN WALL CARBON ANODES

$8.00



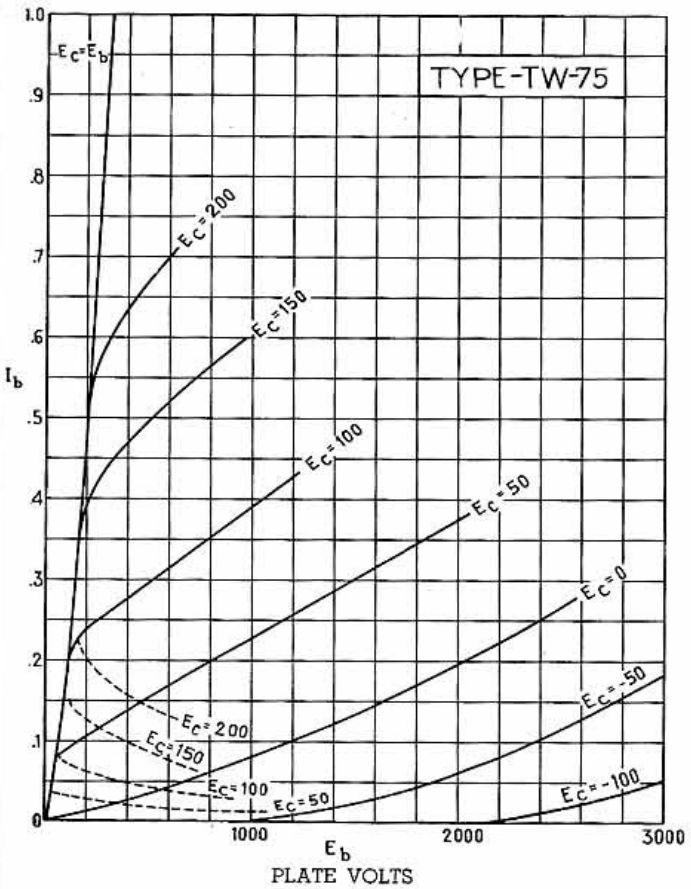
SAFETY FACTOR 525 WATTS

OUTSTANDING FEATURES

- **THIN-WALL CARBON ANODE**
  .015" thick. One-piece—machined from a solid block of carbon.
- **WARP-PROOF**
  Thin-Wall Carbon Anode retains its shape under any heat condition.
- **VISIBLE OPERATING TEMPERATURE**
  Operates at cherry red heat at rated plate dissipation.
- **PUNCTURE-PROOF**
  New scientific grid structure guarantees against punctures due to heating of glass.
- **ENCLOSED ANODE**
  Affords complete "Electron Control" assuring added efficiency.

WILL STAND TEMPORARY OVERLOADS UP TO 800%

The TW-75 is a Triode embodying a carbon plate of revolutionary design only 0.015 inches thick. It's compact size will prove of great advantage in the design of Transmitters making it ideal for all U.H.F. applications. It can be operated at full ratings on frequencies as high as 60 mc.



GENERAL CHARACTERISTICS

Filament Volts	7.5
Filament Current, amps	4.15
Amplification Factor	20
Plate Dissipation, watts	75

Interelectrode Capacities

Grid-plate, mmf.	1.5
Grid-filament, mmf.	3.35
Plate-filament, mmf.	.7

Overall Dimensions

Maximum length, inches	6¼
Maximum diameter, inches	3¼

Nonex Glass **UX 4 Prong Base**

CLASS C TELEGRAPHY

Maximum Ratings

D. C. Plate Volts	2000
D. C. Plate Current, ma	175
D. C. Grid Current, ma	60
D. C. Grid Volts	500
Plate Dissipation, watts	75

Typical Operating Conditions

D. C. Plate Volts	1000	1500	2000
D. C. Plate Current, ma	175	165	150
D. C. Grid Current, ma	45	42	37
D. C. Grid Bias Volts	—135	—157	—175
From grid leak of, ohms	3000	3750	4750
Or Fixed Supply of, Volts	50	75	100
From Plus Grid Leak of, ohms	1900	1950	2000
Plate Dissipation, watts	62	71	75
Power Output, watts	113	177	225
Driving Power, watts	15	14.2	12.7

CLASS C TELEPHONY

Maximum Ratings

D. C. Plate Volts	2000
D. C. Plate Current, ma	150
D. C. Grid Current, ma	60
D. C. Grid Volts	500
Plate Dissipation, watts	50

Typical Operating Conditions

D. C. Plate Volts	1000	1500	2000
D. C. Plate Current, ma	150	135	125
D. C. Grid Current, ma	40	32	32
D. C. Grid Bias Volts	—175	—230	—260
From Grid Leak of, ohms	5500	6500	8000
Or Fixed Supply of, volts	50	75	100
From Plus Grid Leak of, ohms	4400	4400	5000
Plate Dissipation, watts	47	47	52
Power Output, watts	103	141	198
Driving Power, watts	14	12.7	13.2