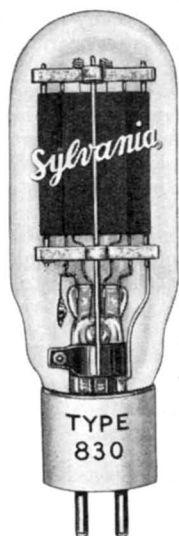


NEW . . .

A 40-Watter — the 830 by

Sylvania

REG. U.S. PAT. OFF.



With Graphite Anode Structure **\$12.50**

Just the tube for that new 40, 20 or 10 meter transmitter. This is the tube, in between the 210 and the 50-watter, that you've been waiting for all the years. And it goes in a standard UX socket.

CHARACTERISTICS of the TYPE 830

Filament Voltage.....10.0 V rms
Filament Current..... 2.15 Amps.
Maximum Overall Length.....5 7/8"

Maximum Diameter.....2 1/16"
Bulb.....T16-26X
Base.....Medium 4 pin Isolantite

CLASS "A" SERVICE

Maximum Operating Plate Voltage 450 V
Maximum Plate Dissipation..... 17 Watts

OPERATING CONDITIONS

Plate Voltage.....	250	350	425
Grid Voltage.....	-15.0	-26	-35
Load Resistance.....	9300	8800	8000
Amplification Factor...	8.0	8.0	8.0
Plate Resistance.....	4600	4250	4000
Mutual Conductance....	1750	1900	2000
Plate Current.....	15.0	17.5	20.0
Undistorted Power			
Output, Watts.....	.35	1.1	2.0

CLASS "B" R. F. SERVICE

Maximum Operating Plate Voltage.....750 V
Maximum D.C. Plate Current..... 60 Ma.
Maximum R.F. Grid Current..... 6 Amps.

OPERATING CONDITIONS

Plate Voltage..... 600 V
Grid Voltage, Neg..... 70 V
Power Output (Peak at 100% Mod.) 12 Watts

CLASS "C" SERVICE

Maximum Operating Plate Voltage (Modulated).....750 V
Maximum D.C. Plate Current.....110 Ma.
Maximum D.C. Grid Current..... 18 Ma.
Maximum R.F. Grid Current..... 6 Amps.

OPERATING CONDITIONS

Plate Voltage..... 750 V
Grid Voltage, Neg.180 V
Power Output..... 55 Watts

DIRECT INTERELECTRODE CAPACITANCES

Cgp.....9.9 mmf
Cgf.....4.9 mmf
Cpf.....2.2 mmf

See your dealer. If he cannot supply you send your order direct to us



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