

HD 203-A

150 WATTS PLATE DISSIPATION
CARBON ANODE

New Low Price!

Now— **\$14.50**

The Heavy Duty 203A is truly a heavy duty tube and was the first tube designed with the floating anode. Before the introduction of the HD 203A punctures and flashing over in the stems of the standard 203A were very common especially in Class B audio circuits. The HD 203A is a general purpose tube and is used in circuits built for 203A tubes where more power is desired.

GENERAL CHARACTERISTICS

Filament Voltage, volts.....	10
Filament Current, amps.....	4
Amplification Factor	25
Plate to Grid, mmf.....	12
Thoriated Tungsten Filament—NONEX GLASS	
Maximum Length, inches	9½
Maximum Diameter, inches	2½

CLASS "C" AMPLIFIER

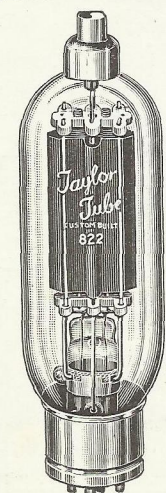
Max. Operating Plate Volts.....	1500	1750
Max. D.C. Plate Current, mls.....	250	250
Max. D.C. Grid Current, mls.....	60	60

CLASS "B" A.F. MODULATOR

Push Pull Operation

D.C. Plate Voltage, volts.....	1500	1750
Grid. Voltage, appr. volts.....	—45	—67.5
Load Resistance (plt. to plt.) ohms.....	9600	10,000
Max. D.C. Plate Current (2 tubes), mls.....	315	365
Power Output (2 tubes), watts.....	300	400

Supply Voltage ↓	200	250	300	400	←Audio Watts Output
1750	.180 20,000	.225 16,000	.275 13,000	.365 10,000	←Max. Av. Ip. ←Load Impedance plate to plate
1500	.210 14,500	.265 11,500	.315 9,600		←Max. Av. Ip. ←Load Impedance plate to plate
1250	.255 10,000	.320 8,000	.380 6,900		←Max. Av. Ip. ←Load Impedance plate to plate



814

200 WATTS PLATE DISSIPATION

\$18.50

Low Mu—Ideal for Grid Modulation
and Class B Linear Operation

The 814 is identical with the 822 except for the Mu or amplification factor and is intended for those applications where a tube of lower mu is desired. The mu of 12 is about optimum for grid modulated and class B linear R.F. operation. We recommend the 814 for efficiency modulated amplifiers.

204-A

250 WATTS PLATE DISSIPATION

CARBON ANODE

\$60.00



The Taylor 204A is a three element air cooled power tube designed for use in transmitters as an oscillator, Radio Frequency Amplifier, and Class "B" Audio modulator. A Super Heavy Duty Carbon Anode is used which enables the tube to withstand overloads and still maintain stable characteristics. Because of its heavy duty construction and long life this tube is highly recommended for use in Broadcast transmitters where uninterrupted service is very essential. The characteristics of the Taylor 204A are standard. Detailed data will be supplied on request.

PERFORMANCE CURVE OF THE
TAYLOR 204-A
WILL BE SUPPLIED ON REQUEST

841-SW

50 WATTS PLATE DISSIPATION

CARBON ANODE

A POPULAR DIATHERMY TUBE

\$8.00

GENERAL CHARACTERISTICS

Filament Voltage, volts.....	10
Filament Current, amps.....	2
Amplification Factor, ...	14.6
Maximum Length, inches.....	6¼
Maximum Diameter, inches.....	2½
Plate to Grid, mmf.....	9
Alsimag UX Base—NONEX GLASS	

CLASS "C" OSC AND POWER AMP

Max. Operating Plate Volts	
Unmodulated D.C., volts.....	1000
Max. D.C. Plate Current, mls.....	150
Max. D.C. Grid Current, mls.....	30
Max. Plate Dissipation, watts.....	50
Max. RF Grid Current, amps.....	5

CLASS B RADIO FREQUENCY AMPLIFIER

Typical Operating Conditions

D. C. Plate Volts.....	2000	2500
D. C. Plate Current, A.....	150	.125
Power Output, watts.....	110	115
Grid Bias Volts.....	—165	—200
Peak Driving Power, watts (approx.).....	6	6
Plate Dissipation, watts.....	190	197

For other Operating Data refer to 822 on Page 15