

OTHER TAYLOR TUBES

830-B

50 watts plate dissipation. Plate lead at top—UX 4-prong Alsimag base. Processed Carbon Anode. Standard electrical and physical characteristics.

\$10.00

838

100 Watts plate dissipation. Zero Bias type with standard Electrical and physical characteristics. Processed Carbon Anode with high Safety Factor.

\$11.00

TF-100

An exact replacement for HF-100 type. Standard electrical and physical characteristics.

\$12.50

756

40 watts plate dissipation—carbon anode. Fil. 7.5 volts 2 amps. Plate 850 volts 110 MA amp. factor 20.

\$3.95

825

Same as 756 except amp. factor is 8.

\$3.95

203-B

Same characteristics as the 203Z except amp. factor is 25. Plate lead through base.

\$7.00

HD-211C

150 Watt Diathermy Tube.....**\$14.50**

303 C

150 Watt Diathermy Tube.....**\$14.50**

HD-203C

150 Watt Diathermy Tube.....**\$14.50**

Ask your distributor or write to us for information on use of Taylor Tubes as replacements in any Diathermy Machine.

866 JR.

HALF-WAVE

MERCURY VAPOR RECTIFIER

\$1.00



The 866 Jrs. fill a real need for intermediate power requirements. They are intended to be used as rectifiers in power supplies of from 600 to 1000 volts D.C. where the receiving type full-wave rectifiers will not stand up and where the power capabilities of the Heavy Duty 866's are not necessary. The smaller size of the 866 Jrs. is another feature that will prove to be of great advantage in the layout of compact power supplies.

866 JR.

GENERAL CHARACTERISTICS

Fil. Volts	2.5V
Fil. Current	2.5A
Max. RMS A.C. Volts	1250
Max. D.C. Current per pair (Choke input)	250 M.A.

PHYSICAL CHARACTERISTICS

Max. Length, Inches	5¼
Max. Diameter, Inches	2¼
UX Ceramic Base	

Connect Plate Terminal to Usual Position Standard On All UX Bases

866 JR.

The 866 Jr. uses the multi-strand filament introduced by TAYLOR TUBES. The multi-strand filament construction used in TAYLOR rectifiers has twice the emitting surface of the nickel alloy ribbon type filaments used in ordinary 866's. The longer life secured with TAYLOR heavy duty 866's has proven that the use of the multi-strand filament and of a svea metal anode results in better rectifiers.

BLEEDER RESISTOR SPECIFICATIONS

Output Voltage	Resistance In Ohms	Actual Dissipated Power In Watts	Recommended Resistor Wattage Rating
500	25,000	10	25
1,000	50,000	20	50
1,500	75,000	25	50
2,200	100,000	40	100
3,000	200,000	45	100

A heavy-duty resistor should be connected across the output of a filter in order to draw some load current at all times. This resistor avoids soaring at no load when swinging choke input is used and also provides a means for discharging the filter condensers when no external vacuum-tube circuit load is connected to the filter. This bleeder resistor should normally draw approximately 10 per cent of the full load current. The above table gives suitable values of bleeder resistors for power supply systems with from 500 to 3,000 volts output.