HY866 JR.

Half-Wave, Mercury Vapor Rectifier.

Filament Voltage (A.C.) 2.5 volts
Filament Current.....3.0 amp.
Max. RMS A.C. Volts..1250 max.
Peak Inverse Voltage.....1750 ma.
Peak Pl. Current.. .250 max. amp.
Av. Pl. Current.... .125 max. amp.
Tube Voltage Drop.....15 volts

$1.05 Net

Ceramic Base

6L6 GX

Beam-Tetrode, Power Amplifier.
(Low-loss replacement for 6L6 and 6L6G.)

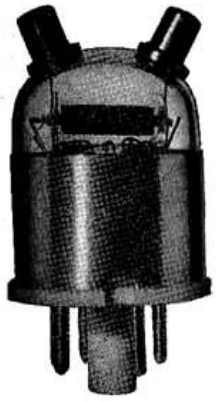
Heater Voltage (A.C. or D.C.) 6.3 volts
Heater Current.....0.9 amp.
Plate Voltage.....400 max. volts
Screen Voltage.....350 max. volts
Grid Voltage.....—14 volts
Plate Resistance.....22500 ohms
Mutual Conductance..6000 umhos
Amplification Factor.....135
Plate Current.....85 max. ma.
Screen Current.....5 max. ma.

$1.55 Net

Ceramic Base

HY615 TRIODE

Ultra-High Frequency Oscillator,
R. F. Amplifier, Detector.



(Actual Size)

Heater Voltage..... (A.C. or D.C.)....6.3 volts
Heater Current....0.15 amp.
Pl. Voltage....250 max. volts
Pl. Current.....15 max. ma.
Grid Voltage.....—9 volts
Average Amp. Factor.....19
Mutual Conductance..... 2000 umhos
Pl. Resistance.....9500 ohms

$2.00 Net

Note: Plate and Grid leads are brought out to caps in the dome of the bulb. The HY615 features short connection leads, small internal elements and low inter-electrode capacities resulting in efficient operation at ultra-high frequencies.

Ceramic Base

The products herein described have been manufactured to precision specifications of the finest materials available and are the result of the lengthy research in the problems involved in the field of "electronics." For most exacting performance insist on the products of Hytronic Laboratories.

HYTRONIC LABORATORIES

DIVISION OF

HYTRON CORP. SALEM, MASS., U. S. A.

HYTRON

TRADE MARK REG

TRANSMITTING TUBES

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HYTRONIC LABORATORIES

SALEM MASS., U.S.A.

HY25

R. F. Power Amplifier, Oscillator, Class "B" Modulator, Frequency-Doubler.

Filament Voltage.....7.5 volts
Filament Current.....2.25 amp.
Plate Voltage (D.C.).....
800 max. volts
Plate Current .....75 max. ma.
Grid Current.....25 max. ma.
Plate Dissipation....25 max. watts
Average Amp. Factor.....55
Mutual Conductance..3000 umhos

$1.45 Net

INTER-ELECTRODE CAPACITIES

Grid to Plate.....4.6 uuf
Grid to Fil. .....4.2 uuf
Plate to Fil. .....1.0 uuf

Ceramic Base and Insulation

HY40

R. F. Power Amplifier, Oscillator, Class "B" Modulator, General Purpose High-Efficiency Triode.

Filament Voltage.....7.5 volts
Filament Current.....2.25 amp.
Plate Voltage (D.C.).....
1000 max. volts
Plate Current.....115 max. ma.
Grid Current.....25 max. ma.
Plate Dissipation ....40 max. watts
Average Amp. Factor.....25
Mutual Conductance..3800 umhos

$2.75 Net

INTER-ELECTRODE CAPACITIES

Grid to Plate.....6.3 uuf
Grid to Fil. .....5.8 uuf
Plate to Fil. .....1.8 uuf

Graphite Anode, Lava Insulation, Ceramic Base

HY51A - HY51B

R. F. Power Amplifier, Oscillator, Class "B" Modulator, General Purpose High-Efficiency Triode.

	HY51A	HY51B
Fil. Voltage	7.5 volts	10.0 volts
Fil. Current	3.5 amp.	2.25 amp.
Plate Voltage (D.C.)	1000 max. volts	
Plate Current	155 max. ma.	
Grid Current	25 max. ma.	
Plate Dissipation	65 max. watts	
Average Amp. Factor	25	
Mutual Conductance	6500 umhos	

$5.00 Net

INTER-ELECTRODE CAPACITIES

Grid to Plate.....7.5 uuf
Grid to Fil. .....6.0 uuf
Plate to Fil. .....2.0 uuf

Graphite Anode, Lava Insulation, Ceramic Base

HY57

R. F. Power Amplifier, Oscillator, Class "B" Modulator, Frequency-Doubler.

Filament Voltage.....6.3 volts
Filament Current.....2.25 amp.
Plate Voltage (D.C.).....
800 max. volts
Plate Current.....110 max. ma.
Grid Current.....25 max. ma.
Plate Dissipation ....40 max. watts
Average Amp. Factor.....50
Mutual Conductance..4500 umhos

$3.50 Net

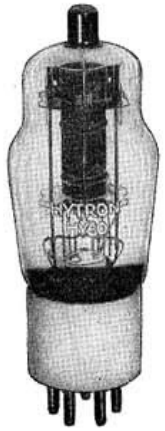
INTER-ELECTRODE CAPACITIES

Grid to Plate.....5.1 uuf
Grid to Fil. .....4.9 uuf
Plate to Fil. .....1.7 uuf

Graphite Anode, Lava Insulation, Ceramic Base

HY60

Beam-Tetrode, R. F. Amplifier, Oscillator, Class AB1 Audio Amplifier, Frequency-Doubler.



Heater Voltage (A.C. or D.C.)
6.3 volts
Heater Current.....0.5 amp.
D.C. Plate Voltage 425 max. volts
D.C. Scr. Voltage....225 max. volts
Plate Current.....60 max. ma.
Grid Current.....4 max. ma.
R.F. Output (Class "C").....
16 approx. watts
Plate Input (Class "C").....
26 max. watts
Screen Input (Class "C").....
2.5 max. watts
Average Amp. Factor.....218
Mutual Conductance..4100 umhos

$2.50 Net

Low Inter-electrode Capacities. Fully shielded: No neutralization required for use at Radio Frequencies. The small physical size and low drain of the HY60 lend to it all portable applications.

Ceramic Base

HY61

Beam-Tetrode, R. F. Amplifier, Oscillator, Class AB2 Audio Amplifier, Frequency-Doubler.

Heater Voltage (A.C. or D.C.)
6.3 volts
Heater Current.....0.9 amp.
D.C. Plate Voltage 600 max. volts
D.C. Scr. Voltage....300 max. volts
Plate Current.....100 max. ma.
Grid Current.....5 max. ma.
R.F. Output (Class "C").....
37.5 approx. watts
Plate Input (Class "C").....
60 max. watts
Screen Input (Class "C").....
3.5 max. watts
Average Amp. Factor.....135
Mutual Conductance..6000 umhos

$3.00 Net

Low Inter-electrode Capacities. Fully shielded: No neutralization required for use at Radio Frequencies.

Ceramic Base