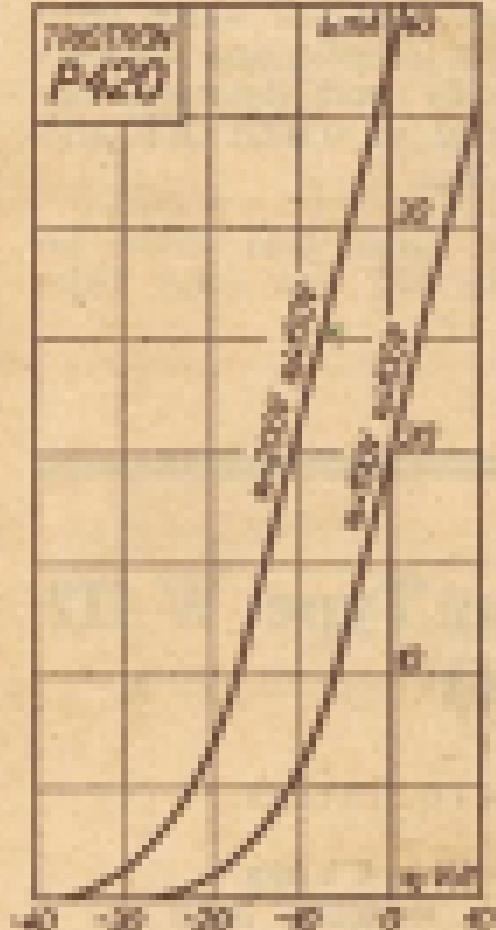


**Pentode  
P420**



## Pentode Type P 420

### Average Characteristics

Filament voltage . . . . .	Vf	= 4 Volts
Filament current . . . . .	If	= 0.15 Amp.
Max. Plate voltage . . . . .	Vp max.	= 250 Volts
Max. A.C. Grid voltage . . . . .	Vg' max.	= 150 Volts
Slope . . . . .	S	= 2 mA/V
Amplification Factor . . . . .	M <sub>a</sub>	= 62
Impedance . . . . .	R <sub>i</sub>	= 30,000 Ohms

Pentode type P420 gives much higher amplification than the usual Triode at the same input and anode voltage. The use of a Pentode in the output stage replaces two LF amplifying stages.

Max. Plate and auxiliary grid voltage is 250 Volts.  
Grid bias:

At 120 Volts on the auxiliary grid — 12 Volts and  
at 150 Volts on the auxiliary grid — 18 Volts