

Tube
P420

Pentode Type P 420

Average Characteristics:

Filament voltage	V_f	= 4 Volts
Filament current	I_f	= 0.15 Amp.
Max. Plate voltage	$V_a \text{ max.}$	= 200 Volts
Max. Auxil. Grid voltage	$V_{g' \text{ max.}}$	= 150 Volts
Slope	S	= 2 mA/V
Amplification Factor	μ_a	= 60
Impedance	R_i	= 30,000 Ohms

Pentode type P 420 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 200 Volts.

Grid bias:

At 120 Volts on the anode grid —12 Volts and
at 150 Volts on the anode grid —15 Volts

