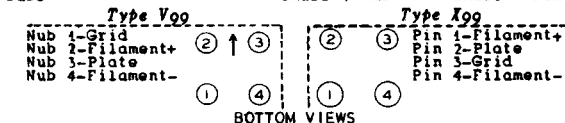


DETECTOR, AMPLIFIER

Filament Voltage	V99-Thoriated Tungsten 3.0 - 3.3	X99-Coated d-c volts
Filament Current	0.060 - 0.063	amp.
Direct Interelectrode Capacitances:		
Grid to Plate	3.3	μpf
Grid to Filament	2.5	μpf
Plate to Filament	2.5	μpf
	<u>Type V99</u>	<u>Type X99</u>
Maximum Overall Length	3-1/2"	4"
Maximum Diameter	1-1/16"	1-3/16"
Bulb	T-8	T-8
Base	Small 4-Nub	Small 4-Pin



AMPLIFIER (Class A)

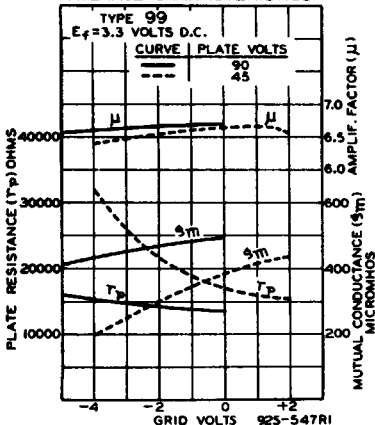
Operating Conditions and Characteristics:

Filament	3.3	d-c volts
Plate	90 maximum	volts
Grid	-4.5	volts
Amp. Fact.	6.6	
Plate Res.	15500	ohms
Mut. Cond.	425	μmhos
Plate Cur.	2.5	ma.

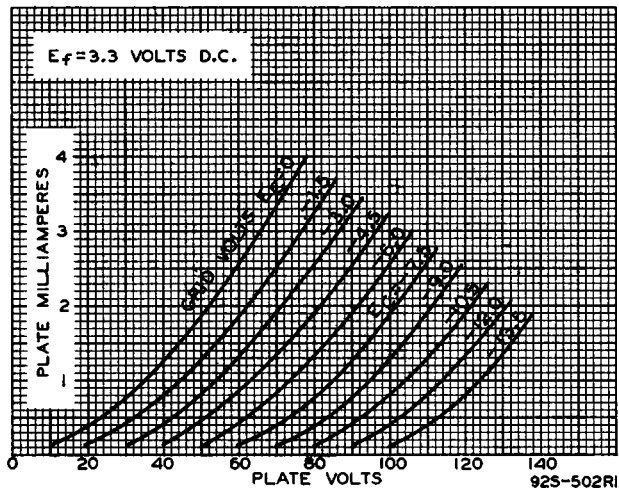
DETECTOR

Typical Operation:		<u>Biased</u>	<u>Grid-Leak</u>	
Filament	3.3		3.3	d-c volts
Plate	90 max.		45	volts
Grid	-10.5 approx.		Return to (+)Fil.	volts
Plate Cur.	Adjusted to 0.2 ma. with no input signal		-	
Grid Leak	-		0.25 to 5	megohms
Grid Condenser	-		0.00025	μf

AVERAGE CHARACTERISTICS



### AVERAGE PLATE CHARACTERISTICS



### AVERAGE CHARACTERISTICS

