

—Standard Valves—

4063 AB Valve
-YB Valve

4063-AB AND 4063-YB VALVES

HIGH VACUUM CATHODE RAY TUBES.

SPECIFICATION.

Dimensions.

	4063-AB.	4063-YB.
Maximum overall length	21" (53.5 cms.)	21" (53.5 cms.)
Maximum diameter	6 $\frac{1}{4}$ " (15.6 cms.)	6 $\frac{1}{4}$ " (15.6 cms.)
Screen diameter	5.5" (14 cms.)	5.5" (14 cms.)
Net weight	2 $\frac{1}{2}$ lbs. (1,100 gms.)	2.65 lbs. (1,200 gms.)

Base.

Special 12 contact. Special 12 contact.

Screen Colour.

Blue. Blue.

Constants.

Heater voltage	2 volts	2 volts
Nominal heater current	1.8—2 amps.	1.8—2 amps.
Maximum final anode voltage	5,000 volts	5,000 volts

*Sensitivity (approx.)	x plates	600 mm./volt	600 mm./volt
	y plates	700 mm./volt	700 mm./volt

Maximum Input power to screen	0.01 watts per sq. cm.	0.01 watts per sq. cm.
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Capacities x_1 to x_2	2.0 μ F.	2.0 μ F.
(approx.) x_1 or x_2 to E	16 μ F.	16.0 μ F.
y_1 to y_2	1.1 μ F.	1.2 μ F.
y_1 or y_2 to E	10 μ F.	3.5 μ F.
G to E	18 μ F.	18.0 μ F.

Conductance of any plate pair	$< \frac{1}{10} \mu$ Mho.	$< \frac{1}{10} \mu$ Mho.
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* V_{a3} is third anode voltage.

OPERATING CONDITIONS.

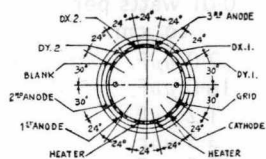
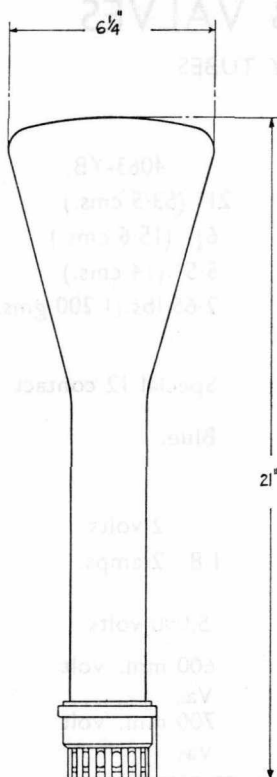
3rd anode voltage	5,000 volts
2nd " "	approx. $0.27 \times V_{a3}$ (adjust for focus)
1st " "	150 volts
Grid bias for maximum brilliancy	0 to —5 volts
" " cut-off	—30 volts (approx.)
" " base for modulation	30 volts

Tentative data

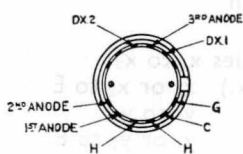
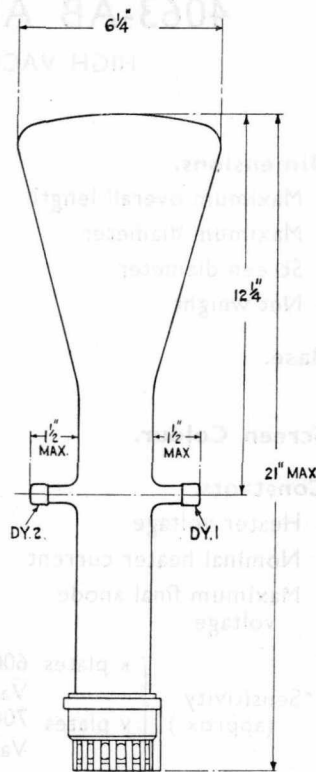
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