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	6¼″ (15·6 cms.)	6¼″ (15·6 cms.)
Screen diameter	5·5″ (14 cms.)	5·5″ (14 cms.)
Net weight	2½ 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	$\frac{600}{Va_3}$ mm./volt	$\frac{600}{Va_3}$ mm./volt
*Sensitivity (approx.) y plates	$\frac{700}{Va_3}$ mm./volt	$\frac{700}{Va_3}$ mm./volt
Maximum Input power to screen	0·01 watts per sq. cm.	0·01 watts per sq. cm.
Capacities (approx.) x_1 to x_2	2·0 $\mu\mu$F.	2·0 $\mu\mu$F.
x_1 or x_2 to E	16 $\mu\mu$F.	16·0 $\mu\mu$F.
y_1 to y_2	1·1 $\mu\mu$F.	1·2 $\mu\mu$F.
y_1 or y_2 to E	10 $\mu\mu$F.	3·5 $\mu\mu$F.
G to E	18 $\mu\mu$F.	18·0 $\mu\mu$F.
Conductance of any plate pair	$<1\frac{1}{0}\mu$Mho.	$<1\frac{1}{0}\mu$Mho.

* Va_3 *is third anode voltage.*

OPERATING CONDITIONS.

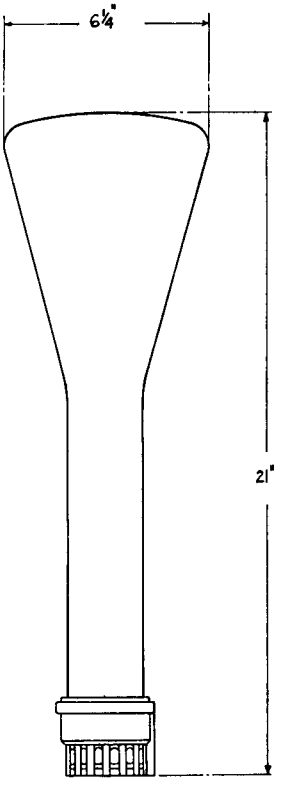
3rd anode voltage	5,000 volts
2nd ,, ,,	approx. 0·27 × Va_3 (adjust for focus)
1st ,, ,,	150 volts
Grid bias for maximum brilliancy	0 to —5 volts
,, ,, cut-off	—30 volts (approx.)
,, base for modulation	30 volts

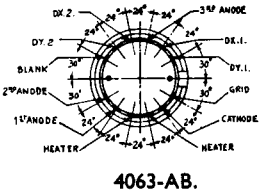
Tentative data

MC.4063-A.1
March 1939

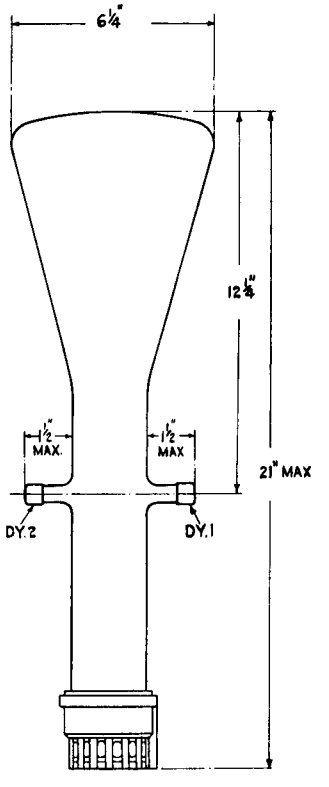
4063 AB Valve
-YB Valve

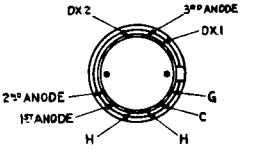
—Standard Valves—





4063-AB.





4063-YB.

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