

# —Standard Valves—

4018-AB Valve  
-AD Valve  
-AG Valve

## GAS FILLED CATHODE RAY TUBE TYPE 4018-AB, 4018-AD, 4018-AG

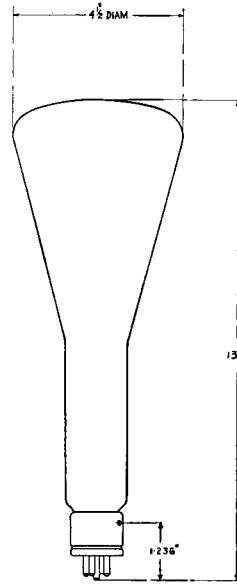
For replacement purposes only (See note at  
bottom of page).

### Characteristics.

Filament voltage drop	0.75 volts
Filament current	0.7 to 1.1 amps.
Anode voltage	300 to 2,000 volts
Normal anode voltage	350 volts
Shield voltage (from a potentiometer)	0—50 volts
4018-AB has screen giving blue spot for photographic work.	
4018-AD has screen giving long afterglow of 10—15 seconds in the dark.	
4018-AG has screen giving green spot for visual work.	
The × plates are those nearest to the screen.	

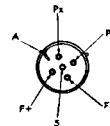
### Dimensions.

Length	13" (33 cms.)
Maximum diameter	4½" (11.5 cms.)
Net weight	¾ lbs. (340 gms.)



### Operation.

A 2,000 ohm protective resistance should be included in the shield circuit as well as in the anode circuit.



Note :—In the 4018-AB, -AD, -AG valves one plate of each pair of deflecting plates is connected to the anode.

These valves have been replaced by the 4050-AB, -AD, -AG valves which are provided with standard British 9-pin bases, all deflector plates being brought out separately.

MC.4018-A.1  
Nov. 1937