

Specification MAP/CV1575/Issue 5 Dated 7.1.49. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> UNCLASSIFIED

→ Indicates a change

<u>TYPE OF VALVE</u> - Full Wave Rectifier				<u>MARKING</u> See K.1001/4		
<u>CATHODE</u> - Indirectly heated				<u>PACKING</u> See K1005		
<u>ENVELOPE</u> - Glass-unmetallised						
<u>RATING</u>			Note	<u>BASE</u> I.O.		
Heater Voltage (V)	5.0	A	Pin	Electrode		
Heater Current (A)	3.0					
Max. Anode Voltage per Anode (V) (RMS)	500					
Max. Rectified Current (mA)	250	A				
<u>NOTE</u> A. With condenser input filter, max. capacitance 4 μ f.				5	No connections	
				6	Heater	
				7	Pin omitted	
				8	Anode	
				Pin omitted		
				Anode		
				Pin omitted		
				Heater and Cathode		
			<u>DIMENSIONS</u> See K1001/AI/D1.			
Dimension			Min.	Max.		
A (mm)			-	136		
B (mm)			-	51		

This Valve Type is obsolete and this specification is for record purposes only.

TESTS

To be performed in addition to those applicable in K.1001.

	Test Conditions		Test	Limits		No. Tested	Note
	Vh	Va		Min.	Max.		
a	5.0 A.C.	0	Ih (A)	-	3.3	100% or S	
b	5.0 A.C.	60	Ia (mA)	200	-	100%	1
c	5.0 A.C.	Input voltage 500-0-500 R.M. S. Frequency 50 c.p.s. D.C. Load Current 250mA Reservoir Condenser 4 μ F Effective resistance in series with each anode 75 ohms.	<u>LOAD TEST</u> Output Vol- tage (V)	480	-	100%	

NOTE

1. Test to be applied to each half of the valve.