

This data sheet should be read in conjunction with "Operating Notes, Part II—Mercury Vapour Rectifiers", included in this volume of the Handbook.

FILAMENT

V_f	4.0	V
I_f (approx.)	2.7	A

LIMITING VALUES

Max. Peak Inverse Voltage (150 c/s max.)	6,500	V
Max. Peak Anode Current	1,250	mA
Max. Mean Anode Current	250	mA
Voltage Drop across Valve (approx.)	16	V
Ambient Temperature	10 to 40	°C.
Condensed Mercury Temperature	25 to 65	°C.

FULL LOAD OPERATING CONDITIONS

Circuit	No. of Valves	Full Load D.C. Output		Applied A.C. Volts ($V_{(r.m.s.)}$) (per valve)	Initial Filter Elements	
		(V)	(mA)		$L_{min.}$ (H)	$C_{max.}$ (μF)
Single Phase Full Wave	2	2,000	500	2,220 (per valve)	7.0	5.0
Single Phase Bridge	4	4,000	500	4,440 (total)	14.0	2.5
Three Phase Half Wave	3	2,750	750	2,350 (per phase)	2.5	2.0
Three Phase Full Wave	6	6,000	750	2,570 (per phase)	5.0	1.0

WEIGHT Valve only 3 oz. (0.09 Kg.)

