

EDISWAN

ESU673

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HALF WAVE MERCURY VAPOUR RECTIFIER

Directly heated

RATING

Filament Voltage (volts)	V_f	5.0
Filament Current (amps)	I_f	10.0
Maximum Peak Anode Current (amps)	$I_a(pk)max.$	7.0
Maximum Mean Anode Current (amps)	$I_a(av)max.$	1.75
Maximum Peak Inverse Voltage (kV)	P.I.V.(max)	15
Approximate Voltage Drop (volts)	V_{ir}	10.0
Cathode Heating Time (secs)		60
Condensed Mercury Temperature ($^{\circ}C$)		20-60

DIMENSIONS

Maximum Overall Length	(mm)	282
Maximum Diameter	(mm)	78
Approximate Nett Weight	(ozs)	10 $\frac{1}{2}$
Approximate Packed Weight	(lbs)	4
Approximate Packed Export Weight	(lbs)	4 $\frac{1}{2}$

MOUNTING POSITION—Vertical.

BASE—Super Jumbo—Filament.

TOP CAP—Anode.

SPECIAL NOTE

When the rectifier is first placed into service, the filament should be operated at Normal Voltage for 15 minutes without the anode voltage. This will enable the mercury to be correctly distributed.

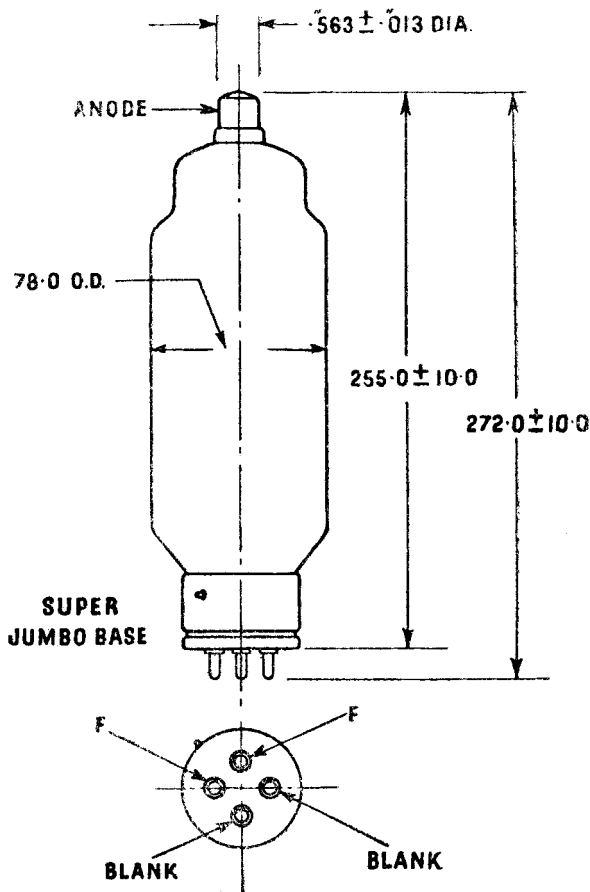
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UNDERSIDE VIEW OF BASE

ALL DIMENSIONS IN M.M. UNLESS OTHERWISE STATED

May 1953

VALVE & CRT DIVISION

Issue 1/5

THE EDISON SWAN ELECTRIC COMPANY LTD.