EDISWAN
ESU.400
HALF-WAVE MERCURY VAPOUR RECTIFIER
TENTATIVE

RATING
Filament Voltage (volts) \( V_f \) 5.0
Filament Current (amps) \( I_f \) 12.5
Maximum Peak Anode Current (amps) \( I_a(pk) \) 6.0
Maximum Peak Inverse Voltage (volts) \( P.I.V.(\text{max}) \) 14,000
Approximate Voltage Drop (volts) \( V_{1r} \) 10.0
Filament Heating Time (secs) 60
Ambient Temperature (\(^\circ C\)) 20 60

DIMENSIONS
Maximum Overall Length (mm) 250
Maximum Diameter (mm) 73
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 - Jumbo

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 anode to be correctly distributed.
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FILAMENT PINS

ANODE

JUMBO BASE

ALL DIMS IN mm. UNLESS STATED OTHERWISE

August 1948
RADIO DIVISION
THE EDISON SWAN ELECTRIC COMPANY LTD.