

EDISWAN

ESU.400

HALF-WAVE MERCURY VAPOUR RECTIFIER

TENTATIVERATING

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.(max)	14,000
Approximate Voltage Drop (volts)	V_{ir}	10.0
Filament Heating Time (secs)		60
Ambient Temperature (C°)		20 60

DIMENSIONS

Maximum Overall Length (mm)	250
Maximum Diameter (mm)	78
Approximate Nett Weight (ozs)	10½
Approximate Packed Weight (lbs)	4
Approximate Packed Export Weight (lbs)	4½

MOUNTING POSITION - VerticalBASE - JumboSPECIAL 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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TENTATIVE

