

# EDISWAN

## ESU575

ESU575

### 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 (volts) | P.I.V.(max)      | 15,000 |
| Approximate Voltage Drop (volts)     | $V_{ir}$         | 10.0   |
| Filament Heating Time (secs)         |                  | 60     |
| Condensed Mercury Temp. (°C)         |                  | 20-60  |

#### DIMENSIONS

|                                        |  |                  |
|----------------------------------------|--|------------------|
| Maximum Overall Length (mm)            |  | 275 ←            |
| 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—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 to be correctly distributed.

---

Indicates a change ←

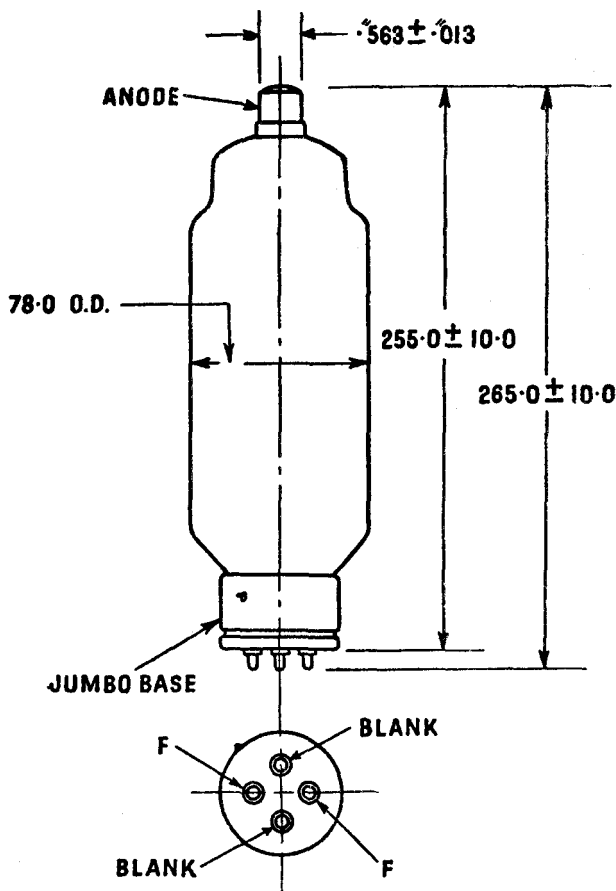
**ESU575**

# **EDISWAN**

## **ESU575**

**HALF WAVE MERCURY VAPOUR RECTIFIER**

**Directly heated**



### **UNDERSIDE VIEW OF BASE**

**ALL DIMENSIONS IN M.M. UNLESS OTHERWISE STATED**

June 1953

VALVE & CRT DIVISION

Issue 2/5

**THE EDISON SWAN ELECTRIC COMPANY LTD.**