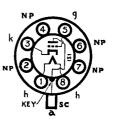
### Replacement Types

# TYPES C9A, C12A

# (BRITISH OCTAL BASE) MAGNETIC TELETUBES



0.15 mA max.

| RATINGS        |     |     |     |     |     |     |              |
|----------------|-----|-----|-----|-----|-----|-----|--------------|
| Heater Voltage | ••• | ••• | ••• | ••• | ••• | ••• | 2.0 volts    |
| Heater Current | ••• | ••• | ••• | ••• | ••• | ••• | 1.4 amp.     |
| Anode Voltage  | ••• |     |     | ••• |     | ••• | 6.0 kV max.  |
| Beam Current   |     |     |     |     |     |     | 0.15 mA max. |

#### **CHARACTERISTICS**

|  |     | Type C9A | Type C12A |                    |  |  |  |
|--|-----|----------|-----------|--------------------|--|--|--|
| Anode Voltage                          |     | 5,000    | 5,500     | volts              |  |  |  |
| Grid Voltage (For Beam Current cut-    |     |          |           |                    |  |  |  |
| off)                                   |     | -30      | -35       | volts              |  |  |  |
| Average Peak to Peak Modulation        |     |          |           |                    |  |  |  |
| (For maximum Beam Current)             |     | 23       | 25        | volts              |  |  |  |
| Focusing Requirements                  | ••• | 700      | 700       | amp. turns         |  |  |  |
| Scanning Coil Sensitivity approx. (For |     |          |           |                    |  |  |  |
| coil length of 1.75 ins.)              | ••• | 4        | 4         | amp. turns per cm. |  |  |  |
|  |     |          |           |                    |  |  |  |

## INTER-ELECTRODE CAPACITANCES

| Grid to all other Electrodes    | ••• | 5 | 5 | pF approx  |
|---------------------------------|-----|---|---|------------|
| Cathode to all other Electrodes | ••• | 5 | 5 | pF approx. |

#### DIMENSIONS OF TYPES C9A AND C12A

|                          |     |     |     | C9A | C12A    |
|--------------------------|-----|-----|-----|-----|---------|
| Maximum overall length   | ••• | •   | ••  | 374 | 465 mm. |
| Maximum overall diameter | ••• | ••• | ••• | 228 | 312 mm, |
| Maximum neck diameter    |     | ••• | ••• | 35  | 35 mm.  |