

TUBE TYPE 31A3

The 31A3 is an indirectly heater half-wave rectifier.

PHYSICAL SPECIFICATIONS

|                        |                     |
|------------------------|---------------------|
| Cathode                | Coated unipotential |
| Base                   | E8-30               |
| Bulb                   | Glass               |
| Maximum overall length | 2-5/8" { 67mm }     |
| Maximum seated height  | 2-3/8" { 60mm }     |
| Maximum diameter       | 7/8" { 22mm }       |
| Mounting position      | Any.                |

BASING CONNECTIONS 8HB

|       |                     |
|-------|---------------------|
| Pin 1 | Heater              |
| Pin 2 | Plate               |
| Pin 3 | Internal connection |
| Pin 4 | Internal connection |
| Pin 5 | Internal connection |
| Pin 6 | Internal connection |
| Pin 7 | Cathode             |
| Pin 8 | Heater              |

GENERAL ELECTRICAL DATA

|                |          |
|----------------|----------|
| Heater Voltage | 31 volts |
| Heater Current | 0.1 amps |

MAXIMUM RATINGS (Design Centre Values)

|                                         |            |
|-----------------------------------------|------------|
| A.C. Plate Supply Voltage (RMS)         | 250 volts  |
| D.C. Output current                     | 100 ma     |
| Filter input capacitor                  | 50 $\mu$ F |
| Effective Plate Supply Impedance        | 210 ohms   |
| Peak Voltage between heater and cathode | 550 volts  |



