

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 μ F
Effective Plate Supply Impedance	210 ohms
Peak Voltage between heater and cathode	550 volts



