



ELECTRONIC
INNOVATIONS
IN ACTION

TUBES

— PRODUCT INFORMATION —

9AH9

Compactron Triode-Pentode

The 9AH9 is a compactron containing a medium-mu triode and a sharp-cutoff, frame-grid pentode. The pentode is designed primarily for video amplifier service and the triode for color blanker or general purpose applications in color television receivers.

Except for heater characteristics and ratings, the 9AH9 is identical to the 6AH9.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC*	8.8	Volts
Heater Current♦	0.6 ± 0.04	Amperes
Heater Warm-up Time, average♦	11	Seconds

NOTES

- * Heater voltage for a bogey tube at $I_f = 0.6$ amperes.
- The equipment designer should design the equipment so that heater current is centered at the specified bogey value, with heater supply variations restricted to maintain heater current within the specified tolerance.
- ♦ The time required for the voltage across the heater to reach 80 percent of the bogey value after applying 4 times the bogey heater voltage to a circuit consisting of the tube heater in series with a resistance equal to 3 times the bogey heater voltage divided by the bogey heater current.

The tubes and arrangements disclosed herein may be covered by patents of General Electric Company or others. Neither the disclosure of any information herein nor the sale of tubes by General Electric Company conveys any license under patent claims covering combinations of tubes with other devices or elements. In the absence of an

express written agreement to the contrary, General Electric Company assumes no liability for patent infringement arising out of any use of the tubes with other devices or elements by any purchaser of tubes or others.

9AH9

Page 2
12-70

TUBE PRODUCTS DEPARTMENT

GENERAL  ELECTRIC

Owensboro, Kentucky 42301