

## Specifications

- Power Input:**  
 117 VAC  $\pm 10\%$ , 50/60 Hz (A3M0006/A3M0039).  
 230 VAC  $\pm 15\%$ , 50Hz (A3M0024).  
 27 W typical, 45 W maximum.  
 Internal fuse protection.
- Video Input:**  
 1.0 V peak  $\pm .1$  V composite.  
 Sync negative, RS-170 compatible.  
 75 ohm internal termination.  
 Cabinet-mounted RCA phono jack connection.
- Video Amplifier:**  
 Bandwidth 50 Hz to 15 MHz  $\pm 3$  dB.  
 16 discernible shades of gray.
- Cathode Ray Tube:**  
 12" (30.5 cm) diagonal.  
 78° horizontal deflection.  
 51° vertical deflection.  
 90° diagonal deflection.
- Vertical Deflection:**  
 47 Hz to 63 Hz, free running.  
 Pull-in range plus 0 minus 8 Hz.  
 Retrace time 1.0  $\mu$ s maximum.  
 Linearity within 2%.
- Horizontal Deflection:**  
 15,200 Hz to 16,300 Hz, free running.  
 Pull-in range  $\pm 400$  Hz.  
 Retrace time 12.0  $\mu$ s maximum.  
 Linearity within 2%.
- Display Performance:**  
 Resolution: 700 TV lines center,  
 500 TV lines corners.  
 Max brightness 40 fL (A3M0006), 20 fL  
 (A3M0039/A3M0024) at rated input.  
 Interface 90% or better.  
 Apple III format display zone:  
 Width: 8 7/16" (21.4 cm)  
 Height: 6 5/16" (16 cm).  
 80 characters x 24 lines.
- Mechanical:**  
 External Dimensions:  
 Width: 17 3/16" (43.7 cm)  
 Height: 10 5/8" (27 cm)  
 Depth: 12 1/2" (31.8 cm).  
 Weight: 16.5 lbs. (7.5 kg).

