

Large P4 monochrome television picture tube in the 24-inch class, designed for high-voltage direct-view service with manufacturer-specified focusing, magnetic deflection, and beam-control characteristics for type 24ATP4.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	20000 V
Published ratings and characteristics promoted where clearly applicable; additional source values retained as section parameters.	

Twenty-four-inch rectangular television picture tube with electrostatic focus, magnetic deflection, aluminized screen, and 90-degree deflection.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1947 WESTINGHOUSE

Section 1 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal/representative value
Heater or filament current	600 mA	Published nominal/representative value
Focusing method	Electrostatic	Published
Deflection method	Magnetic	Published
Deflection angle	90 deg	Published
Heater warm-up time	11 s	Published

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	20000 V	Cathode-drive service; design-center maximum