

12X4

Full-Wave Vacuum Rectifier

The 12X4 is the same as the 6X4 except for the following items:

Heater Characteristics and Ratings:

Current.	0.300	amp
Voltage (AC or DC) at heater amperes = 0.300	12.6	volts

13CW4

High-Mu Triode

NUVISTOR TYPE

**For Use as Grounded-Cathode, Neutralized RF-Amplifier
Tube in Tuners of VHF Television and FM Receivers**

The 13CW4 is the same as the 6CW4 except for the following items:

Heater Characteristics and Ratings:

Current.	0.060	amp
Voltage (AC or DC) at heater amperes = 0.060	13.5	volts

13DE7

Dual Triode

With Medium-Mu Unit and Low-Mu Unit

9-PIN MINIATURE TYPE

The 13DE7 is the same as the 6DE7 except for the following items:

Heater Characteristics and Ratings:

Current.	0.450 ± 0.030	amp
Voltage (AC or DC) at heater amperes = 0.450	13.0	volts
Warm-up time (Average)	11	sec



13DR7

Dual Triode

With High-Mu Unit and Low-Mu Unit

The 13DR7 is the same as the 6DR7 except for the following items:

Heater Characteristics and Ratings:

Current.	0.450 ± 0.030	amp
Voltage (AC or DC) at heater amperes = 0.450	13.0	volts
Warm-up time (Average)	11	sec

13EM7

Dual Triode

With High-Mu Unit and Low-Mu Unit

The 13EM7 is the same as the 6EM7 except for the following items:

Heater Characteristics and Ratings:

Current.	0.450 ± 0.030	amp
Voltage (AC or DC) at heater amperes = 0.450	13.0	volts
Warm-up time (Average)	11	sec

13FD7

Dual Triode

With High-Mu Unit and Low-Mu Unit

The 13FD7 is the same as the 6FD7 except for the following items:

Heater Characteristics and Ratings:

Current.	0.450 ± 0.030	amp
Voltage (AC or DC) at heater amperes = 0.450	13.0	volts
Warm-up time (Average)	11	sec

