



The 3CX15,000H3 is a forced air cooled, ceramic/ metal, medium-mu power triode designed primarily for use in industrial radio frequency heating services. Input of 56.2 kW is permissible up to 90 MHz. Plentiful reserve emission is available from its 1000 watt filament. The grid structure is rated at 500 watts, making this tube an excellent choice for industrial service.



3CX15,000H3

CHARACTERISTICS

Plate Dissipation (Max.) Screen Dissipation (Max.) Grid Dissipation (Max.) Frequency for Max. rating (CW) **Amplification Factor** Filament/Cathode Voltage Current Capacitance Input Output Feedthrough Capacitance Input Output Feedthrough Cooling Base Air Socket Air Chimney Boiler Length Diameter Weight

15,000 Watts ---500 Watts 90 MHz 20 **Thoriated Tungsten** 6.3 Volts 160 Amps Grounded Cathode 55.0 pf 1.4 pf 34 pf ____ --- pf --- pf --- pf Forced Air Flexible Filament Leads SK-1306 ---17.75 in; 450.80 mm 7.05 in; 179.10 mm 13.0 oz; 5.9 kg

	MAXIMUM RATINGS			TYPICAL OPERATION				
Class of Operation	Type of Service	Plate Voltage (Volts)	Plate Current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	Output Power (kiloWatts)
C	RF Industrial oscillator or amplifier	12,000	6.0	10,000		5.0	650	41.2

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.



For information on this and other CPI products, visit our website at: **www.cpii.com**, or contact: CPI MPP Division, Eimac Operations, 607 Hansen Way, Palo Alto, CA 94303 **TELEPHONE:** 1(800) 414-8823. **FAX:** (650) 592-9988 | **EMAIL:** powergrid@cpii.com