

# Industrial Triode Tubes

**S**vetlana triode tubes, for industrial processing, are ruggedly designed for the severe environment of manufacturing and production operations. A longer operating life than most Western tubes, results from the higher bakeout temperatures at which exhaust is performed, the improved quality of the ceramics used, and the mesh basket filament structure.

The Svetlana, uniquely colored, purple external ceramic has a smoother finish, is easier to clean, and is less likely to crack from misuse by inexperienced personnel.

Svetlana tube types are exact plug-compatible replacements for Western manufactured tube types of the same model.



**Svetlana**  
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## Industrial Triode Tubes

Tube Type	Max Plate Dissipation kW	Max Plate Voltage kV	Max Plate Current Amps	Frequency for Full Ratings MHz	Heater Volts	Heater Amps	Typical Power Output kW
3CW30000H3	30	10	6.0	100	6.3	160	42
3CW20000A7	20	8	5.0	140	7.5	99	27.5
3CW20000H3	20	12	11.5	90	7.5	100	28
3CW20000H7	20	7	4.0	110	7.5	100	21.3
3CX15000H3	15	12	6.0	90	6.3	162	40
3CX10000H3	10	10	5.0	90	7.5	99	30
3CX10000A7	10	10	5.0	160	7.5	100	25
3CX3000F7	4	5	2.5	75	7.5	51.5	8
8161R	4	6	2.5	110	7.5	51.5	10
3CX2500H3	4	6	2.5	75	7.5	51.5	10
3CX2500F3	4	6	2.5	110	7.5	51.5	10
833A	0.4	4	0.5	30	10	10.0	1.5
TH6-3	10	10	5.0	140	7.5	100	25
TH6-3A	10	10	5.0	140	7.5	100	30
TH5-4	4	6	2.5	110	7.5	51.5	10
TH5-6	4	6	2.5	110	7.5	51.5	10

# Industrial Triode Tubes

Some of the more popular competitively priced, direct plug-compatible Svetlana Industrial tubes.



**3CX2500H3**



**3CX10,000A7**



**833A**



**3CX10,000H3**



**8161R**



**3CX15,000H3**



**3CX3000F7**



**3CW30,000H3**



**3CW20,000H3**



**3CW20,000A7**