

RADIO FREQUENCY GENERATOR SYSTEM

The Thermex Industrial Radio Frequency Generator is a specialized RF System used in the heating thermoplastic materials. Thermex's RF Generator is engineered using the latest in radio frequency technology delivering maximum efficiency and speed at minimal operating costs. Designed to be rugged and dependable and built to the high quality standards for which Thermex is known.

The continuous output power ranges from 10kW to 50kW when fully loaded with an appropriate RF heatable material with additional output power available. The generator cabinet is constructed of a structural steel and aluminum cabinet



Pictured: Model T10

Common Uses:

- Heating of Thermoplastic Materials
- Research and Development

Features:

- Continuously adjustable power of 10kW to 50kW when connected to a suitable applicator & load.
- Generator cabinet cooled by a self-contained closed loop, distilled water system.
- Solid State Overload Protection.
- Solid State Rectifiers & SCR Power Control
- Double Interlocked Doors for Safety.

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RADIO FREQUENCY GENERATOR SYSTEM

SPECIFICATIONS:

MODEL	T10	T30	T50
Maximum Power Input	240 or 480 VAC 50A / 25A	240 or 480 VAC 125A / 70A	380/480 VAC 200 - 180A
Maximum Power Output	10kW	30kW	50kW
Nominal Frequency	13 to 28MHz	13 to 28MHz	14 to 24MHz
Phases/Frequency	Three Phase 50/60Hz	Three Phase 50/60Hz	Three Phase 50/60Hz
Dimensions	30" wide 30" depth 68" height	40" wide 40" depth 91" height	93" wide 92" depth 77" height

APPLICATIONS INCLUDE:

- Various Manufacturing Processes
- Research and Development

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